

## Freeform Search

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<b>Database:</b>	US Pre-Grant Publication Full-Text Database
	US Patents Full-Text Database
	US OCR Full-Text Database
	EPO Abstracts Database
	JPO Abstracts Database
	Derwent World Patents Index
	IBM Technical Disclosure Bulletins

  

<b>Term:</b>	118 not L19
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<b>Display:</b>	<input type="text" value="10"/> Documents in	<b>Display Format:</b>	<input type="text" value="REV"/>	<b>Starting with Number</b>	<input type="text" value="1"/>
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**Generate:** ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image

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### Search History

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**DATE:** Monday, May 21, 2007   
 [Purge Queries](#)   
 [Printable Copy](#)   
 [Create Case](#)

**Set Name Query**  
 side by side

**Hit Count**

**Set Name**  
 result set

*DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; THES=ASSIGNEE; PLUR=YES; OP=AND*

<u>L20</u>	118 not L19	102	<u>L20</u>
<u>L19</u>	L12@ay>2002	85	<u>L19</u>
<u>L18</u>	112 not L17	127	<u>L18</u>
<u>L17</u>	112@ay>2003	60	<u>L17</u>
<u>L16</u>	114 not L15	34	<u>L16</u>
<u>L15</u>	L14@ay>2003	38	<u>L15</u>
<u>L14</u>	112 and L13	72	<u>L14</u>
<u>L13</u>	ppc or pckA or phosphoenolpyruvate adj carboxykinase adj pckA	8163	<u>L13</u>
<u>L12</u>	L10 and 111	187	<u>L12</u>
<u>L11</u>	inactivat\$ or deactivat\$ or mutant\$ or mutat\$	458832	<u>L11</u>
<u>L10</u>	L9 and operon	202	<u>L10</u>
<u>L9</u>	threonine adj operon or tdcBC or tdcABC	203	<u>L9</u>
<u>L8</u>	L7 and threonine	12	<u>L8</u>
<u>L7</u>	lee-j.in.	12485	<u>L7</u>
<u>L6</u>	L5 and threonine	8	<u>L6</u>

<u>L5</u>	kim-d.in.	5432	<u>L5</u>
<u>L4</u>	L3 and threonine	8	<u>L4</u>
<u>L3</u>	lee-b.in.	2619	<u>L3</u>
<u>L2</u>	L1 and threonine	11	<u>L2</u>
<u>L1</u>	park-y.in.	2953	<u>L1</u>

END OF SEARCH HISTORY

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Set	Items	Description
S1	38	SELECT AU=PARK, YOUNG
S2	0	SELECT AU=LEE, BYOUNG
S3	277	SELECT AU=LEE, B
S4	0	S S3 AND THREONINE
S5	6	S S3 AND INACTIV?
S6	5	SELECT AU=KIM, DAE
S7	83	SELECT AU=LEE, JIN
S8	2	SELECT AU=CHO, JAE

? t s1/free/1-38

&gt;&gt;&gt;W: "FREE" is not a valid format name in file(s): 399

1/8/1 (Item 1 from file: 103) Links

Energy SciTec

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04704693 EDB-01-053937

Title: Tunable Microstrip Antennas using Piezoelectric Substrates

Publication Date: May 2000

Descriptors: PIEZOELECTRICITY; ANTENNAS; RESONANCE; PZT; VARIATIONS; FREQUENCY MODULATION; FREQUENCY RESPONSE TESTING; TUNING

Broader Terms: ELECTRICITY; ELECTRICAL EQUIPMENT; LEAD COMPOUNDS; TITANATES; ZIRCONATES; MODULATION; TESTING; EQUIPMENT; OXYGEN COMPOUNDS; TITANIUM COMPOUNDS; ZIRCONIUM COMPOUNDS; TRANSITION ELEMENT COMPOUNDS

INIS Subject Categories: S42

K

1/8/2 (Item 2 from file: 103) Links

Energy SciTec

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04704661 EDB-01-053905

Title: Ferroelectric Properties of PZT Thin Films by Rapid Thermal Annealing

Publication Date: Apr 2000

Descriptors: PZT; THIN FILMS; FERROELECTRIC MATERIALS; ELECTRICAL PROPERTIES; DIELECTRIC PROPERTIES; ANNEALING; HEAT TREATMENTS; MAGNETRONS; SPUTTERING; HYSTERESIS; FATIGUE

Broader Terms: LEAD COMPOUNDS; TITANATES; ZIRCONATES; FILMS; DIELECTRIC MATERIALS; PHYSICAL PROPERTIES; ELECTRICAL PROPERTIES; HEAT TREATMENTS; MICROWAVE TUBES; MECHANICAL PROPERTIES; OXYGEN COMPOUNDS; TITANIUM COMPOUNDS; ZIRCONIUM COMPOUNDS; MATERIALS; ELECTRON TUBES; MICROWAVE EQUIPMENT; TRANSITION ELEMENT COMPOUNDS; ELECTRONIC EQUIPMENT

INIS Subject Categories: S42

K

1/8/3 (Item 1 from file: 393) Links

Title: Multiple-Dose, Safety, Pharmacokinetics and Pharmacodynamics of a New Selective Estrogen Receptor Modulator, ERA-923, in Healthy Postmenopausal Women  
 Pub. Year: 2002

1/8/4 (Item 2 from file: 393) Links

Title: Density, Vapor Pressure, Solubility, and Viscosity for Water + Lithium Bromide + Lithium Nitrate + 1,3-Propanediol  
 Pub. Year: 1997

1/8/5 (Item 3 from file: 393) Links

authorsearch1.txt

Title: Heat Capacities of the Water + Lithium Bromide + Ethanolamine and Water + Lithium Bromide + 1,3-Propanediol Systems  
Pub. Year: 1997

1/8/6 (Item 4 from file: 393) Links

Title: Densities and Viscosities of the Water + Lithium Bromide + Ethanolamine System  
Pub. Year: 1996

1/8/7 (Item 5 from file: 393) Links

Title: Solubilities and Vapor Pressures of the Water + Lithium Bromide + Ethanolamine System  
Pub. Year: 1996

>>>W: "FREE" is not a valid format name in file(s): 399

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Set	Items	Description
S1	38	SELECT AU=PARK, YOUNG
S2	0	SELECT AU=LEE, BYOUNG
S3	277	SELECT AU=LEE, B
S4	0	S S3 AND THREONINE
S5	6	S S3 AND INACTIV?
S6	5	SELECT AU=KIM, DAE
S7	83	SELECT AU=LEE, JIN
S8	2	SELECT AU=CHO, JAE

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>>>W: "FREE" is not a valid format name in file(s): 399

5/8/1 (Item 1 from file: 24) Links

CSA Life Sciences Abstracts

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0002585931 IP Accession No: 5799152

Temporal Regulation of Light-Induced Extracellular Signal-Regulated Kinase Activation in the Suprachiasmatic Nucleus

Publication Date: 2003

Descriptors: Circadian rhythms; Suprachiasmatic nucleus; Map protein; Light effects; Laboratory animals

Identifiers: extracellular signal-regulated kinase

Subj Catg: 11142, Biological rhythms, clocks, and oscillations

5/8/2 (Item 2 from file: 24) Links

CSA Life Sciences Abstracts

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0002537839 IP Accession No: 5825655

Plasmid P1 RepA Is Homologous to the F Plasmid RepE Class of Initiators

Publication Date: 2004

Descriptors: Replication; Plasmids; Mutants; Dimerization; Crystal structure; RepE protein; RepA protein

Subj Catg: 14650, General; 02760, Plasmids

5/8/3 (Item 3 from file: 24) Links

CSA Life Sciences Abstracts

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0002420998 IP Accession No: 5450660

Inhibition of the Inositol Trisphosphate Receptor of Mouse Eggs and A7r5 Cells by KN-93 via a Mechanism Unrelated to Ca super(2+)/Calmodulin-dependent Protein Kinase II Antagonism

Publication Date: 2002

Descriptors: Eggs; Smooth muscle; Inositol 1,4,5-trisphosphate receptors; Ca super(2+)/calmodulin-dependent protein kinase II

Identifiers: mice; KN-93

Subj Catg: 20059, Phosphate and inositol phosphates

5/8/4 (Item 4 from file: 24) Links

CSA Life Sciences Abstracts

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0002260667 IP Accession No: 5231869

AtHKT1 is a salt tolerance determinant that controls Na super(+) entry into plant roots

Publication Date: 2001

Descriptors: Salinity tolerance; Sodium; Potassium; Calcium; AtHKT1 protein; sos3 gene; hkt1 gene; Arabidopsis thaliana

Subj Catg: 07352, Dicotyledons (miscellaneous)

5/8/5 (Item 5 from file: 24) Links

CSA Life Sciences Abstracts

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0000880607 IP Accession No: 2182364

The extracellular acid phosphatase of the mosquito-parasitizing fungus *Lagenidium giganteum*.

Publication Date: 1989

Descriptors: enzymes; acid phosphatase; Culicidae; Culicidae

Identifiers: *Lagenidium giganteum*; secretion; pathogenicity; acid phosphatase

Subj Catg: 03020, Fungi; 16860, Mechanisms of enzyme action, including enzyme kinetics ; 30513, Pest control; 03088, Fungi: animal

5/8/6 (Item 1 from file: 136) Links

BioEngineering Abstracts

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0000139083 IP Accession No: 5621494

Mutants of Immunotoxin Anti-Tac(dsFv)-PE38 with Variable Number of Lysine Residues as Candidates for Site-Specific Chemical Modification. 1. Properties of Mutant Molecules

Publication Date: 2003

Descriptors: Immunotoxins; Drug delivery; Proteins; Toxins; Fv; lysine

Identifiers: chemical modification; residues

Subj Catg: 130, General Biomedical Engineering: Tools & Techniques

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Set Items Description

authorsearch1.txt

S1	38	SELECT AU=PARK, YOUNG
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S3	277	SELECT AU=LEE, B
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S6	5	SELECT AU=KIM, DAE
S7	83	SELECT AU=LEE, JIN
S8	2	SELECT AU=CHO, JAE

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>>>W: "FREE" is not a valid format name in file(s): 399

6/8/1 (Item 1 from file: 24) Links

CSA Life Sciences Abstracts

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0002268460 IP Accession No: 5217676

Oral cancer in vivo gene expression profiling assisted by laser capture  
microdissection and microarray analysis

Publication Date: 2001

Descriptors: Transcription factors; Gene expression; Oligonucleotides; Oncogenes;  
Tumor suppressor genes; Tumorigenesis; oral cancer; microarrays; Oral cavity;  
Epithelium; Databases; Carcinogenesis; DNA microarrays

Identifiers: man

Subj Catg: 14510, Occurrence, isolation & assay; 26000, ONCOGENES AND GROWTH  
FACTORS: GENERAL

>>>W: "FREE" is not a valid format name in file(s): 399

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Set	Items	Description
S1	38	SELECT AU=PARK, YOUNG
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S6	5	SELECT AU=KIM, DAE
S7	83	SELECT AU=LEE, JIN
S8	2	SELECT AU=CHO, JAE

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>>>W: "FREE" is not a valid format name in file(s): 399

7/8/1 (Item 1 from file: 24) Links

CSA Life Sciences Abstracts

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0002663135 IP Accession No: 6164535

Modeling In Vivo Pharmacokinetics and Pharmacodynamics of Moxifloxacin Therapy for  
Mycobacterium tuberculosis Infection by Using a Novel Cartridge System

Publication Date: 2005

Descriptors: Moxifloxacin; Pharmacokinetics; Chemotherapy; Infection; Tuberculosis;  
Antimicrobial agents; Pharmacodynamics; Mycobacterium tuberculosis

Subj Catg: 02845, Ear, nose and respiratory tract; 01065, Antimycobacterial

7/8/2 (Item 1 from file: 103) Links

Energy SciTec

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05463330 DEN; RN05124393; TVI 0521

Title: Prostate cancer: a comparative study of {sup 11}C-choline PET and MR imaging  
combined with proton MR spectroscopy

Publication Date: 20050701  
Availability Date: 20060216  
Descriptors: CARBON 11; CARCINOMAS; CHOLINE; LABELLED COMPOUNDS; NMR IMAGING;  
POSITRON COMPUTED TOMOGRAPHY; PROSTATE  
Subject Categories: 62 -- RADIOLOGY & NUCLEAR MEDICINE

7/8/3 (Item 2 from file: 103) Links

Energy SciTec

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05413493 DEN; RN05124393; TVI 0521

Title: Prostate cancer: a comparative study of {sup 11}C-choline PET and MR imaging  
combined with proton MR spectroscopy

Publication Date: 20050701

Availability Date: 20051212

Descriptors: CARBON 11; CARCINOMAS; CHOLINE; LABELLED COMPOUNDS; NMR IMAGING;  
POSITRON COMPUTED TOMOGRAPHY; PROSTATE

Subject Categories: 62 -- RADIOLOGY & NUCLEAR MEDICINE

7/8/4 (Item 3 from file: 103) Links

Energy SciTec

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05406956 INIS; RN05113259; TVI 3639

Title: Identification of the segmental artery feeding the anterior spinal artery.  
Correlation between helical CT and angiography

Publication Date: 20050601

Availability Date: 20051128

Descriptors: ARTERIES; BIOMEDICAL RADIOGRAPHY; BLOOD FLOW; CAT SCANNING; CONTRAST  
MEDIA; HEPATOMAS; LIVER; PERITONEUM; SPINAL CORD; VERTEBRAE

Subject Categories: 62 -- RADIOLOGY & NUCLEAR MEDICINE

7/8/5 (Item 4 from file: 103) Links

Energy SciTec

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05357625 KRN; RN05071034; TVI 3625; TRN KR0501340054002

Title: Study on structure of target organs in radiation protection for reference  
Korean

Publication Date: 20020701

Availability Date: 20050731

Descriptors: ANATOMY; DOSIMETRY; NMR IMAGING; RADIATION DOSES; RADIATION PROTECTION;  
REPUBLIC OF KOREA

Subject Categories: 61 -- RADIATION PROTECTION & DOSIMETRY

7/8/6 (Item 5 from file: 103) Links

Energy SciTec

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05188135 DEN; RN04140406; TVI 0424; TRN DE04FE119

Title: Value of {sup 18}F-FDG PET in the detection of peritoneal carcinomatosis

Publication Date: 20041001

Availability Date: 20050114

Descriptors: RADIOPHARMACEUTICALS; FLUORINE 18; POSITRON COMPUTED TOMOGRAPHY;  
DIAGNOSIS; PATIENTS; FLUORODEOXYGLUCOSE; PERITONEUM; CARCINOMAS; ACCURACY;  
COMPUTERIZED TOMOGRAPHY; UPTAKE

Subject Categories: 62 -- RADIOLOGY & NUCLEAR MEDICINE

7/8/7 (Item 6 from file: 103) Links

Energy SciTec

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05183987 DEN; RN04140406; TVI 0424; TRN DE04FE119

authorsearch1.txt

Title: Value of <sup>18</sup>F-FDG PET in the detection of peritoneal carcinomatosis  
Publication Date: 20041001  
Availability Date: 20041227  
Descriptors: RADIOPHARMACEUTICALS; FLUORINE 18; POSITRON COMPUTED TOMOGRAPHY;  
DIAGNOSIS; PATIENTS; FLUORODEOXYGLUCOSE; PERITONEUM; CARCINOMAS; ACCURACY;  
COMPUTERIZED TOMOGRAPHY; UPTAKE  
Subject Categories: 62 -- RADIOLOGY & NUCLEAR MEDICINE

7/8/8 (Item 7 from file: 103) Links

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05149191 INIS; RN04112021; TVI 3540; TRN JP0403363083790

Title: Clinical evaluation of choline measurement by proton MR spectroscopy in patients with malignant tumors

Publication Date: 20040601

Availability Date: 20041101

Descriptors: CARCINOMAS; CHOLINE; GADOLINIUM COMPLEXES; MAMMARY GLANDS; NMR IMAGING; PROSTATE; PROTONS; SENSITIVITY; SPECTROSCOPY; SPIN-LATTICE RELAXATION; SPIN-SPIN RELAXATION; UROGENITAL SYSTEM DISEASES

Subject Categories: 62 -- RADIOLOGY & NUCLEAR MEDICINE

7/8/9 (Item 8 from file: 103) Links

Energy SciTec

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04993016 KR

Title: A Vacuum Circuit Breaker Model for simulation of Transient Overvoltages Using the PSCAD/EMTDC

Publication Date: 20020701

Availability Date: 20031110

Descriptors: CIRCUIT BREAKERS; SIMULATION; TRANSIENTS; OVERVOLTAGE; QUENCHING

Subject Categories: 42 -- ENGINEERING

7/8/10 (Item 9 from file: 103) Links

Energy SciTec

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04992227 KR

Title: Development of Superconducting Fault Current Limiter using RTDS

Publication Date: 20020701

Availability Date: 20031110

Descriptors: SIMULATORS; LIMITERS; SIMULATION

Subject Categories: 42 -- ENGINEERING

7/8/11 (Item 10 from file: 103) Links

Energy SciTec

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04980342 DEN

Title: Performance evaluation of a hand-held, semiconductor (CdZnTe)-based gamma camera

Publication Date: 20030601

Availability Date: 20030929

Descriptors: GAMMA CAMERAS; HANDS; PERFORMANCE; CDTE SEMICONDUCTOR DETECTORS; COLLIMATORS; SENSITIVITY; SPATIAL RESOLUTION; ENERGY RESOLUTION

Subject Categories: 46 -- INSTRUMENTATION RELATED TO NUCLEAR SCIENCE & TECHNOLOGY  
62 -- RADIOLOGY & NUCLEAR MEDICINE

7/8/12 (Item 11 from file: 103) Links

Energy SciTec

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04938994 KRN

Title: Estimation of absorbed dose for nonuniformly distributed I-131 in tumor

Publication Date: 20000501

Availability Date: 20030519

Descriptors: IODINE 131; MONTE CARLO METHOD; NEOPLASMS; PATIENTS; RADIATION DOSE DISTRIBUTIONS; RADIATION DOSES; RADIOTHERAPY; THYROID

Subject Categories: 61 -- RADIATION PROTECTION & DOSIMETRY

7/8/13 (Item 12 from file: 103) Links

Energy SciTec

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04883611 KRN

Title: Dosimetry and MIRD for Re-188 liquid balloons

Publication Date: 19990701

Availability Date: 20021230

Descriptors: BALLOONS; BLADDER; BLOOD; COMPUTER CALCULATIONS; DOSIMETRY; RHENIUM 188

Subject Categories: 62 -- RADIOLOGY & NUCLEAR MEDICINE

7/8/14 (Item 13 from file: 103) Links

Energy SciTec

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04883288 KRN

Title: Estimation of the radiation dose to thyroidectomized patients with differentiated thyroid cancer after I-131 therapy

Publication Date: 20000701

Availability Date: 20021223

Descriptors: IODINE 131; M CODES; NEOPLASMS; PATIENTS; RADIATION DOSES; RADIOTHERAPY; THYROID; THYROIDECTOMY

Subject Categories: 62 -- RADIOLOGY & NUCLEAR MEDICINE

7/8/15 (Item 14 from file: 103) Links

Energy SciTec

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04883262 KRN

Title: Labeling and biodistribution of Re-188-DTPA (diethylenetriaminepentaacetic acid)

Publication Date: 19970701

Availability Date: 20021223

Descriptors: DTPA; GAMMA RADIATION; RADIOISOTOPES; RADIOTHERAPY; RHENIUM 188; URINARY TRACT

Subject Categories: 62 -- RADIOLOGY & NUCLEAR MEDICINE

7/8/16 (Item 15 from file: 103) Links

Energy SciTec

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04881638 KRN

Title: Dosimetry and medical internal radiation dose of Re-188-DTPA for endovascular balloon brachytherapy against restenosis after coronary angioplasty

Publication Date: 19990201

Availability Date: 20021223

Descriptors: BALLOONS; DOGS; DOSIMETRY; DTPA; KIDNEYS; M CODES; RADIATION DOSES; RHENIUM 188

Subject Categories: 62 -- RADIOLOGY & NUCLEAR MEDICINE

7/8/17 (Item 16 from file: 103) Links

Energy SciTec

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authorsearch1.txt

04780571 RN02008048; TVI 0202; TRN KR02E00365; KR

Title: A Web-based Educational Tool for the Power System Engineering

Publication Date: 20010701

Availability Date: 20020304

Descriptors: POWER SYSTEMS; EDUCATION; EDUCATIONAL TOOLS; SIMULATORS; STABILITY; DATA ANALYSIS; FLOW MODELS

Subject Categories: 24 -- POWER TRANSMISSION & DISTRIBUTION  
29 -- ENERGY PLANNING, POLICY & ECONOMY

7/8/18 (Item 17 from file: 103) Links

Energy SciTec

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04776986 RN02008155; TVI 0202; TRN KR02E00472; KR

Title: The study on ferroresonant suppression filters of CVT

Publication Date: 20010701

Availability Date: 20020304

Descriptors: FILTERS; POWER SYSTEMS; CAPACITY; TRANSFORMERS; FERROMAGNETIC RESONANCE; REAL TIME SYSTEMS; SIMULATORS

Subject Categories: 24 -- POWER TRANSMISSION & DISTRIBUTION

7/8/19 (Item 18 from file: 103) Links

Energy SciTec

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04561862 EDB-00-029640

Title: Dosimetry of rhenium-188 diethylene triamine penta-acetic acid for endovascular intra-balloon brachytherapy after coronary angioplasty

Publication Date: Jan 2000

Descriptors: DOSIMETRY; RHENIUM 188; RHENIUM COMPLEXES; DTPA; RADIOPHARMACEUTICALS; FILM DOSIMETRY; CALCULATION METHODS; BALLOONS; CORONARIES; SURGERY; RADIATION DOSE DISTRIBUTIONS; PHANTOMS; COMPUTER CALCULATIONS; RADIOTHERAPY; FEASIBILITY STUDIES

Broader Terms: BETA-MINUS DECAY RADIOISOTOPES; HEAVY NUCLEI; HOURS LIVING

RADIOISOTOPES; INTERNAL CONVERSION RADIOISOTOPES; ISOMERIC TRANSITION ISOTOPES;

MINUTES LIVING RADIOISOTOPES; ODD-ODD NUCLEI; RHENIUM ISOTOPES; TRANSITION ELEMENT

COMPLEXES; AMINO ACIDS; CHELATING AGENTS; RADIOPROTECTIVE SUBSTANCES; DRUGS ;

LABELLED COMPOUNDS; DOSIMETRY; AIRCRAFT; ARTERIES; MEDICINE; MOCKUP; RADIOLOGY;

THERAPY; BETA DECAY RADIOISOTOPES; NUCLEI; RADIOISOTOPES; ISOTOPES; COMPLEXES;

CARBOXYLIC ACIDS; BLOOD VESSELS; STRUCTURAL MODELS; NUCLEAR MEDICINE; ORGANIC ACIDS;

CARDIOVASCULAR SYSTEM; ORGANS; ORGANIC COMPOUNDS; BODY

Subject Categories:

INIS Subject Categories: S61

S62\*

7/8/20 (Item 19 from file: 103) Links

Energy SciTec

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04146866 KR-97-000098; EDB-97-055570

Title: Dielectric and strain properties of  $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - $\text{PbTiO}_3$  ceramic with respect to the variation of  $\text{SrTiO}_3$  substitution

Publication Date: Feb 1996

Major Descriptors: \*CERAMICS -- PHYSICAL PROPERTIES

Descriptors: CRYSTAL-PHASE TRANSFORMATIONS; DIELECTRIC PROPERTIES; PIEZOELECTRICITY; STRAINS

Broader Terms: ELECTRICAL PROPERTIES; ELECTRICITY; PHASE TRANSFORMATIONS; PHYSICAL PROPERTIES

Subject Categories: 360200\* -- Ceramics, Cermets, & Refractories

7/8/21 (Item 20 from file: 103) Links

Energy SciTec

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03347242 AIX-23-048496; EDB-92-109999

Title: Stability of a transition boundary layer flow over an exciting plate

Publication Date: Aug 1991

Major Descriptors: \*BOUNDARY LAYERS -- PLATES; \*TRANSITION FLOW -- BOUNDARY LAYERS;  
\*TRANSITION FLOW -- STABILITY

Descriptors: ENERGY BALANCE; REYNOLDS NUMBER; VISCOUS FLOW; VORTEX FLOW

Broader Terms: FLUID FLOW; LAYERS

Subject Categories: 420400\* -- Engineering -- Heat Transfer & Fluid Flow

INIS Subject Categories: E1100\* -- Thermodynamics & Fluid Flow

7/8/22 (Item 21 from file: 103) Links

Energy SciTec

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02288797 AIX-20-018983; EDB-89-034533

Title: Effects of superficial liquid velocity on statistical moments related to flow patterns in a vertical upward two phase flow

Publication Date: Jul 1987

Major Descriptors: \*LIQUID FLOW -- VELOCITY; \*TWO-PHASE FLOW -- FLOW MODELS;  
\*TWO-PHASE FLOW -- VOID FRACTION

Broader Terms: FLUID FLOW; MATHEMATICAL MODELS

Subject Categories: 420400\* -- Engineering -- Heat Transfer & Fluid Flow

INIS Subject Categories: E1100\* -- Thermodynamics & Fluid Flow

7/8/23 (Item 22 from file: 103) Links

Energy SciTec

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02005036 AIX-18-064344; EDB-87-132709

Title: Characteristics of creep deformation in Al-2.8%Mg alloy at high temperature

Publication Date: Oct 1986

Major Descriptors: \*ALUMINIUM ALLOYS -- CREEP; \*ALUMINIUM ALLOYS -- DEFORMATION  
Descriptors: HIGH TEMPERATURE

Broader Terms: ALLOYS; MECHANICAL PROPERTIES

Subject Categories: 360103\* -- Metals & Alloys -- Mechanical Properties

INIS Subject Categories: B2230\* -- Metals & Alloys -- Mechanical properties

7/8/24 (Item 1 from file: 393) Links

Title: Modeling In Vivo Pharmacokinetics and Pharmacodynamics of Moxifloxacin Therapy for Mycobacterium tuberculosis Infection by Using a Novel Cartridge System  
Pub. Year: 2005

7/8/25 (Item 2 from file: 393) Links

Title: Mechanism of Action of Brazilin on Gluconeogenesis in Isolated Rat Hepatocytes  
Pub. Year: 2004

7/8/26 (Item 3 from file: 393) Links

Title: Steady-state pharmacokinetic interaction of modified-dose indinavir and rifabutin  
Pub. Year: 2003

7/8/27 (Item 4 from file: 393) Links

Title: Toxicities of 166Holmium-chitosan in Mice  
Pub. Year: 1998

authorsearch1.txt

>>>W: "FREE" is not a valid format name in file(s): 399

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>>>W: "FREE" is not a valid format name in file(s): 399

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Set	Items	Description
S1	38	SELECT AU=PARK, YOUNG
S2	0	SELECT AU=LEE, BYOUNG
S3	277	SELECT AU=LEE, B
S4	0	S S3 AND THREONINE
S5	6	S S3 AND INACTIV?
S6	5	SELECT AU=KIM, DAE
S7	83	SELECT AU=LEE, JIN
S8	2	SELECT AU=CHO, JAE

? t s8/free/1-2

>>>W: "FREE" is not a valid format name in file(s): 399

? t s8/free/1

>>>W: "FREE" is not a valid format name in file(s): 399

? t s8/free/1-2

>>>W: "FREE" is not a valid format name in file(s): 399

? t s8/free/all

>>>W: "FREE" is not a valid format name in file(s): 399

? t s8/free/all

>>>W: "FREE" is not a valid format name in file(s): 399

? d s

Set	Items	Description
S1	38	SELECT AU=PARK, YOUNG
S2	0	SELECT AU=LEE, BYOUNG
S3	277	SELECT AU=LEE, B
S4	0	S S3 AND THREONINE
S5	6	S S3 AND INACTIV?
S6	5	SELECT AU=KIM, DAE
S7	83	SELECT AU=LEE, JIN
S8	2	SELECT AU=CHO, JAE

? t s8/medium,k/1-2

>>>W: KWIC option is not available in file(s): 399

8/K/1 (Item 1 from file: 399) Links

Fulltext available through: USPTO Full Text Retrieval Options SCIENCEDIRECT

CA SEARCH(R)

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138150956 CA: 138(11)150956y JOURNAL  
 Fibroblast growth factor receptor (FGFR) mutations in achondroplasia and related skeletal dysplasias

Author: Rasar, Melissa A.; Cho, Jae; Lunstrum, Gregory P.; Horton, William A.

Location: Research Center, Shriners Hospital for Children, Portland, OR, USA

Journal: Biomed. Health Res.

Date: 2002

Volume: 54 Number: Growth Plate Pages: 175-181

CODEN: BIHREN

ISSN: 0929-6743  
 Language: English  
 Publisher: IOS Press

8/k/2 (Item 2 from file: 399) Links  
 Fulltext available through: ScienceDirect (Elsevier) USPTO Full Text  
 Retrieval Options SCIEDIRECT  
 CA SEARCH(R)  
 (c) 2006 American Chemical Society. All rights reserved.

137019253 CA: 137(2)19253d JOURNAL  
 Immunostimulatory DNA mediates inhibition of eosinophilic inflammation and airway hyperreactivity independent of natural killer cells in vivo  
 Author: Broide, David H.; Stachnick, Greg; Castaneda, Diego; Nayar, Jyothi; Miller, Marina; Cho, Jae; Rodriguez, Monica; Roman, Mark; Raz, Eyal  
 Location: Department of Medicine, University of California, San Diego, CA, 92093-0635, USA  
 Journal: J. Allergy Clin. Immunol.  
 Date: 2001  
 Volume: 108 Number: 5 Pages: 759-763  
 CODEN: JACIBY  
 ISSN: 0091-6749  
 Language: English  
 Publisher: Mosby, Inc.

? d s

Set	Items	Description
S1	38	SELECT AU=PARK, YOUNG
S2	0	SELECT AU=LEE, BYOUNG
S3	277	SELECT AU=LEE, B
S4	0	S S3 AND THREONINE
S5	6	S S3 AND INACTIV?
S6	5	SELECT AU=KIM, DAE
S7	83	SELECT AU=LEE, JIN
S8	2	SELECT AU=CHO, JAE

? s s1 and threonine

Set	Items	Description
	38	S1
	193845	THREONINE
S9	0	S S1 AND THREONINE

? d s

Set	Items	Description
S1	38	SELECT AU=PARK, YOUNG
S2	0	SELECT AU=LEE, BYOUNG
S3	277	SELECT AU=LEE, B
S4	0	S S3 AND THREONINE
S5	6	S S3 AND INACTIV?
S6	5	SELECT AU=KIM, DAE
S7	83	SELECT AU=LEE, JIN
S8	2	SELECT AU=CHO, JAE
S9	0	S S1 AND THREONINE
S10	199	SELECT AU=PARK, Y
S11	0	S S10 AND THREONINE
S12	0	S S10 AND INACTIV
S13	0	S S10 AND PCKA
S14	0	S S1 AND PCKA
S15	20541	SELECT AU=PARK, Y?
S16	18	S S15 AND THREONINE

```

? select au=lee, b?
S17      19035  SELECT AU=LEE, B?

? s s17 and threonine
      19035  S17
      193845  THREONINE
S18      19  S S17 AND THREONINE

? s s6 and threonine
      5  S6
      193845  THREONINE
S19      0  S S6 AND THREONINE

? select au=kim, d?
>>>W: File 399 processing for AU=KIM, D? stopped at AU=KIM, DUCK HWAN
S20      32702  SELECT AU=KIM, D?

? s s20 and threonine
      32702  S20
      193845  THREONINE
S21      39  S S20 AND THREONINE

? d s
Set      Items  Description
S1        38  SELECT AU=PARK, YOUNG
S2         0  SELECT AU=LEE, BYOUNG
S3       277  SELECT AU=LEE, B
S4         0  S S3 AND THREONINE
S5         6  S S3 AND INACTIV?
S6         5  SELECT AU=KIM, DAE
S7        83  SELECT AU=LEE, JIN
S8         2  SELECT AU=CHO, JAE
S9         0  S S1 AND THREONINE
S10      199  SELECT AU=PARK, Y
S11        0  S S10 AND THREONINE
S12        0  S S10 AND INACTIV
S13        0  S S10 AND PCKA
S14        0  S S1 AND PCKA
S15     20541  SELECT AU=PARK, Y?
S16        18  S S15 AND THREONINE
S17     19035  SELECT AU=LEE, B?
S18        19  S S17 AND THREONINE
S19        0  S S6 AND THREONINE
S20     32702  SELECT AU=KIM, D?
S21        39  S S20 AND THREONINE

? s s7 and threonine
      83  S7
      193845  THREONINE
S22      0  S S7 AND THREONINE

? select au=lee, j?
>>>W: File 399 processing for AU=LEE, J? stopped at AU=LEE, JEONG SANG
S23      67146  SELECT AU=LEE, J?

? s s23 and threonine
      67146  S23
      193845  THREONINE
S24      87  S S23 AND THREONINE

? s s8 and threonine
      2  S8

```

193845 THREONINE  
S25 0 S S8 AND THREONINE

? select au=cho, j?  
S26 7595 SELECT AU=CHO, J?

? s s26 and threonine  
7595 S26  
193845 THREONINE  
S27 17 S S26 AND THREONINE

? d s

Set	Items	Description
S1	38	SELECT AU=PARK, YOUNG
S2	0	SELECT AU=LEE, BYOUNG
S3	277	SELECT AU=LEE, B
S4	0	S S3 AND THREONINE
S5	6	S S3 AND INACTIV?
S6	5	SELECT AU=KIM, DAE
S7	83	SELECT AU=LEE, JIN
S8	2	SELECT AU=CHO, JAE
S9	0	S S1 AND THREONINE
S10	199	SELECT AU=PARK, Y
S11	0	S S10 AND THREONINE
S12	0	S S10 AND INACTIV
S13	0	S S10 AND PCKA
S14	0	S S1 AND PCKA
S15	20541	SELECT AU=PARK, Y?
S16	18	S S15 AND THREONINE
S17	19035	SELECT AU=LEE, B?
S18	19	S S17 AND THREONINE
S19	0	S S6 AND THREONINE
S20	32702	SELECT AU=KIM, D?
S21	39	S S20 AND THREONINE
S22	0	S S7 AND THREONINE
S23	67146	SELECT AU=LEE, J?
S24	87	S S23 AND THREONINE
S25	0	S S8 AND THREONINE
S26	7595	SELECT AU=CHO, J?
S27	17	S S26 AND THREONINE

? s s24 and inactivat? or delet? or attenut?  
87 S24  
732247 INACTIVAT?  
920457 DELET?  
269 ATTENUT?  
S28 920723 S S24 AND INACTIVAT? OR DELET? OR ATTENUT?

? d s

Set	Items	Description
S1	38	SELECT AU=PARK, YOUNG
S2	0	SELECT AU=LEE, BYOUNG
S3	277	SELECT AU=LEE, B
S4	0	S S3 AND THREONINE
S5	6	S S3 AND INACTIV?
S6	5	SELECT AU=KIM, DAE
S7	83	SELECT AU=LEE, JIN
S8	2	SELECT AU=CHO, JAE
S9	0	S S1 AND THREONINE
S10	199	SELECT AU=PARK, Y
S11	0	S S10 AND THREONINE
S12	0	S S10 AND INACTIV
S13	0	S S10 AND PCKA

authorsearch1.txt

S14	0	S S1 AND PCKA
S15	20541	SELECT AU=PARK, Y?
S16	18	S S15 AND THREONINE
S17	19035	SELECT AU=LEE, B?
S18	19	S S17 AND THREONINE
S19	0	S S6 AND THREONINE
S20	32702	SELECT AU=KIM, D?
S21	39	S S20 AND THREONINE
S22	0	S S7 AND THREONINE
S23	67146	SELECT AU=LEE, J?
S24	87	S S23 AND THREONINE
S25	0	S S8 AND THREONINE
S26	7595	SELECT AU=CHO, J?
S27	17	S S26 AND THREONINE
S28	920723	S S24 AND INACTIVAT? OR DELET? OR ATTENUT?

? d s

Set	Items	Description
S1	38	SELECT AU=PARK, YOUNG
S2	0	SELECT AU=LEE, BYOUNG
S3	277	SELECT AU=LEE, B
S4	0	S S3 AND THREONINE
S5	6	S S3 AND INACTIV?
S6	5	SELECT AU=KIM, DAE
S7	83	SELECT AU=LEE, JIN
S8	2	SELECT AU=CHO, JAE
S9	0	S S1 AND THREONINE
S10	199	SELECT AU=PARK, Y
S11	0	S S10 AND THREONINE
S12	0	S S10 AND INACTIV
S13	0	S S10 AND PCKA
S14	0	S S1 AND PCKA
S15	20541	SELECT AU=PARK, Y?
S16	18	S S15 AND THREONINE
S17	19035	SELECT AU=LEE, B?
S18	19	S S17 AND THREONINE
S19	0	S S6 AND THREONINE
S20	32702	SELECT AU=KIM, D?
S21	39	S S20 AND THREONINE
S22	0	S S7 AND THREONINE
S23	67146	SELECT AU=LEE, J?
S24	87	S S23 AND THREONINE
S25	0	S S8 AND THREONINE
S26	7595	SELECT AU=CHO, J?
S27	17	S S26 AND THREONINE
S28	920723	S S24 AND INACTIVAT? OR DELET? OR ATTENUT?
S29	18	S S16
S30	17	RD (unique items)
S31	19	S S18
S32	16	RD (unique items)
S33	39	S S21
S34	35	RD (unique items)
S35	87	S S24
S36	75	RD (unique items)
S37	17	S S27
S38	16	RD (unique items)

? t s30/free/1-17

>>>W: "FREE" is not a valid format name in file(s): 399

30/8/1 (Item 1 from file: 24) Links

CSA Life Sciences Abstracts

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0002641135 IP Accession No: 6090781

Proteomic response analysis of a threonine-overproducing mutant of *Escherichia coli*

Publication Date: 2004

Descriptors: Threonine; Malate dehydrogenase; Citrate (si)-synthase; oxaloacetic acid; Aspartate ammonia-lyase; Aspartic acid; L- Threonine 3-dehydrogenase; Cystathionine beta -lyase; *Escherichia coli*

Identifiers: homoserine

Subj Catg: 07320, Bacterial genetics; 02727, Amino acids, peptides and proteins

30/8/2 (Item 2 from file: 24) Links

CSA Life Sciences Abstracts

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0002077777 IP Accession No: 4688447

Influence of osmotic and nutritional stress on physiology of *Penicillium fellutanum* in removal of phosphocholine and modification of phospho-1-O-[N-peptidyl-(2-aminoethanol)] phosphodiester of peptidophosphogalactomannan species

Publication Date: 2000

Descriptors: Osmotic stress; N.M.R.; Glycine; Nutritional shifts;

Peptidophosphogalactomannan;

Phospho-1-O-[N-peptidyl-(2-aminoethanol)]phosphodiester; Serine; Threonine;

*Penicillium fellutanum*

Subj Catg: 03074, Fungi

30/8/3 (Item 3 from file: 24) Links

CSA Life Sciences Abstracts

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0001222487 IP Accession No: 2898485

Mutagenicity of Maillard reaction products from D-glucose-amino acid mixtures and possible roles of active oxygens in the mutagenicity.

Publication Date: 1991

Descriptors: amino acids; mutagenicity; free radicals; products; *Salmonella typhimurium*

Identifiers: Maillard reaction; glucose

Subj Catg: 07221, Specific chemicals

30/8/4 (Item 1 from file: 50) Links

CAB Abstracts

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0004078018 CAB Accession Number: 19721405107

Gas-liquid chromatographic determination of amino acids in some Korean foods.

Publication Year: 1969

Descriptors: foods; amino acids; alanine; valine; asparagine; glutamic acid; leucine; proline; threonine; phenylalanine; lysine

Identifiers: Korean; Korean foods; Korea; South; amino acids in foods

CAS Registry Numbers: 56-41-7; 72-18-4; 70-47-3; 56-86-0; 61-90-5; 147-85-3; 72-19-5; 63-91-2; 56-87-1

CABICodes: Food Composition and Quality (QQ500)

30/8/5 (Item 1 from file: 143) Links

Biol. & Agric. Index

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1796948 H.W. Wilson Record Number: BBAI04133261

Follicle-stimulating Hormone Activation of Hypoxia-inducible Factor-1 by the Phosphatidylinositol 3-Kinase/AKT/Ras Homolog Enriched in Brain (Rheb)/Mammalian Target of Rapamycin (mTOR) Pathway Is Necessary for Induction of Select Protein Markers of Follicular Differentiation

Descriptors: Follicle-stimulating hormone; Serine-threonine kinase; mTOR protein; Hypoxia-inducible factors  
20040507

30/8/6 (Item 1 from file: 305) Links

407941

Proteome analysis of human monocytic THP-1 cells primed with oxidized low-density lipoproteins.

PD- Feb 2006 ; 20060200 |

>>>W: "FREE" is not a valid format name in file(s): 399

? d s

Set	Items	Description
S1	38	SELECT AU=PARK, YOUNG
S2	0	SELECT AU=LEE, BYOUNG
S3	277	SELECT AU=LEE, B
S4	0	S S3 AND THREONINE
S5	6	S S3 AND INACTIV?
S6	5	SELECT AU=KIM, DAE
S7	83	SELECT AU=LEE, JIN
S8	2	SELECT AU=CHO, JAE
S9	0	S S1 AND THREONINE
S10	199	SELECT AU=PARK, Y
S11	0	S S10 AND THREONINE
S12	0	S S10 AND INACTIV
S13	0	S S10 AND PCKA
S14	0	S S1 AND PCKA
S15	20541	SELECT AU=PARK, Y?
S16	18	S S15 AND THREONINE
S17	19035	SELECT AU=LEE, B?
S18	19	S S17 AND THREONINE
S19	0	S S6 AND THREONINE
S20	32702	SELECT AU=KIM, D?
S21	39	S S20 AND THREONINE
S22	0	S S7 AND THREONINE
S23	67146	SELECT AU=LEE, J?
S24	87	S S23 AND THREONINE
S25	0	S S8 AND THREONINE
S26	7595	SELECT AU=CHO, J?
S27	17	S S26 AND THREONINE
S28	920723	S S24 AND INACTIVAT? OR DELET? OR ATTENUT?
S29	18	S S16
S30	17	RD (unique items)
S31	19	S S18
S32	16	RD (unique items)
S33	39	S S21
S34	35	RD (unique items)
S35	87	S S24
S36	75	RD (unique items)
S37	17	S S27
S38	16	RD (unique items)

? t s32/free/1-16

>>>W: "FREE" is not a valid format name in file(s): 399

32/8/1 (Item 1 from file: 24) Links

CSA Life Sciences Abstracts

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0002752080 IP Accession No: 6414659

Properties of WNK1 and Implications for Other Family Members

Publication Date: 2005

Descriptors: Protein-serine/threonine kinase; Hypertension; Kidney;  
pseudohypoaldosteronism

Identifiers: man; WNK1 protein; hypotonicity; WNK4 protein; WNK2 protein

Subj Catg: 07431, Enzymes

32/8/2 (Item 2 from file: 24) Links

CSA Life Sciences Abstracts

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0002604504 IP Accession No: 5979004

Crystal Structure of the Kinase Domain of WNK1, a Kinase that Causes a Hereditary  
Form of Hypertension

Publication Date: 2004

Descriptors: Hypertension; pseudohypoaldosteronism; Crystal structure; Active sites;  
Protein kinase; Substrate specificity

Identifiers: WNK1 protein

Subj Catg: 07432, Proteins

32/8/3 (Item 3 from file: 24) Links

CSA Life Sciences Abstracts

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0002504683 IP Accession No: 5701593

Global Analyses of Transcriptomes and Proteomes of a Parent Strain and an L-  
Threonine-Overproducing Mutant Strain

Publication Date: 2003

Descriptors: Nucleotide sequence; Gene regulation; Threonine; Ribosomal proteins;  
transcriptomes; proteomes; aceA gene; aceB gene; gltA gene; icdA gene; glnA gene;  
leu gene; yigJ gene; yfiD gene; hdeB gene; hdeA gene; oppA gene; thrA gene; proA  
gene; thrC gene; dadA gene; dadX gene; ompF gene; oppB gene; oppF gene; thrA345  
gene; lva97 gene; thrB gene; Escherichia coli

Subj Catg: 07320, Bacterial genetics; 02740, Genetics and evolution

32/8/4 (Item 4 from file: 24) Links

CSA Life Sciences Abstracts

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0002014724 IP Accession No: 4610799

Cloning and characterization of a nuclear S6 kinase, S6 kinase-related kinase (SRK);  
A novel nuclear target of Akt

Publication Date: 1999

Descriptors: 1-Phosphatidylinositol 3-kinase; Akt gene; SRK gene; S6 kinase-related  
kinase; p70 protein; wortmannin; rapamycin; Ribosomal protein S6 kinases

Identifiers: cloning; nucleotide sequence; amino acid sequence prediction

Subj Catg: 14640, Structure & sequence; 07381, General; 26170, Other oncogenes &  
GF's with serine-threonine kinase activity

32/8/5 (Item 5 from file: 24) Links

CSA Life Sciences Abstracts

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0000860754 IP Accession No: 2144834

Xenopus homolog of the mos protooncogene transforms mammalian fibroblasts and induces maturation of Xenopus oocytes.

Publication Date: 1989

Descriptors: genes

Identifiers: Xenopus laevis; oncogenes; mos gene; homology; transformation; fibroblasts; induction; maturation; oocytes; mos super(xe); mice; mos

Subj Catg: 07374, GENERAL; 26140, Mos oncogene

32/8/6 (Item 1 from file: 50) Links

CAB Abstracts

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0007972059 CAB Accession Number: 20001422836

Recent advances in use of the ideal protein concept for swine feed formulation.

Publication Year: 2000

Descriptors: body weight; diets; essential amino acids; feed formulation; feed intake; lysine; sulfur amino acids; threonine; tryptophan; reviews; amino acids; protein value; nutrient requirements

CAS Registry Numbers: 56-87-1; 72-19-5; 73-22-3

Organism Descriptors: pigs

Broader Terms: Sus scrofa; Sus; Suidae; Suiformes; Artiodactyla; mammals; vertebrates; Chordata; animals; ungulates

CABICodes: Animal Nutrition (General) (LL500); Feed Composition and Quality (RR300)

32/8/7 (Item 2 from file: 50) Links

CAB Abstracts

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0007388106 CAB Accession Number: 19970307641

Purification of glucoamylase from Lactobacillus amylovorus ATCC 33621.

Publication Year: 1997

Descriptors: purification; gel filtration chromatography; starch; enzyme activity; properties; amino acids; temperature; pH

Identifiers: glucan 1,4-alpha-glucosidase; Lactobacillus amylovorus

CAS Registry Numbers: 9005-25-8

Organism Descriptors: Lactobacillus

Broader Terms: Lactobacillaceae; Firmicutes; bacteria; prokaryotes

CABICodes: Biotechnology (General), (Revised June 2002) (ww000); Chemistry, (Discontinued March 2000) (ZZ600); Physical Sciences (General) (ZZ500)

>>>W: "FREE" is not a valid format name in file(s): 399

? d s

Set	Items	Description
S1	38	SELECT AU=PARK, YOUNG
S2	0	SELECT AU=LEE, BYOUNG
S3	277	SELECT AU=LEE, B
S4	0	S S3 AND THREONINE
S5	6	S S3 AND INACTIV?
S6	5	SELECT AU=KIM, DAE

```

S7      83    SELECT AU=LEE, JIN
S8      2     SELECT AU=CHO, JAE
S9      0     S S1 AND THREONINE
S10     199   SELECT AU=PARK, Y
S11     0     S S10 AND THREONINE
S12     0     S S10 AND INACTIV
S13     0     S S10 AND PCKA
S14     0     S S1 AND PCKA
S15     20541 SELECT AU=PARK, Y?
S16     18    S S15 AND THREONINE
S17     19035 SELECT AU=LEE, B?
S18     19    S S17 AND THREONINE
S19     0     S S6 AND THREONINE
S20     32702 SELECT AU=KIM, D?
S21     39    S S20 AND THREONINE
S22     0     S S7 AND THREONINE
S23     67146 SELECT AU=LEE, J?
S24     87    S S23 AND THREONINE
S25     0     S S8 AND THREONINE
S26     7595  SELECT AU=CHO, J?
S27     17    S S26 AND THREONINE
S28     920723 S S24 AND INACTIVAT? OR DELET? OR ATTENUT?
S29     18    S S16
S30     17    RD (unique items)
S31     19    S S18
S32     16    RD (unique items)
S33     39    S S21
S34     35    RD (unique items)
S35     87    S S24
S36     75    RD (unique items)
S37     17    S S27
S38     16    RD (unique items)

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? t s34/free/1-35

>>>W: "FREE" is not a valid format name in file(s): 399

34/8/1 (Item 1 from file: 24) Links

CSA Life Sciences Abstracts

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0002681223 IP Accession No: 6073607

Identification of antigenic proteins from *Neospora caninum* recognized by bovine immunoglobulins M, E, A and G using immunoproteomics

Publication Date: 2004

Descriptors: Immunoglobulins; Hsp70 protein; Actin; Tubulin; Ribosomal proteins; Pyruvate kinase; Spectrometry; 14-3-3 protein; Vaccines; L-Lactate dehydrogenase; Gel electrophoresis; tachyzoites; *Neospora caninum*  
 Subj Catg: 03086, Immunology & vaccination

34/8/2 (Item 2 from file: 24) Links

CSA Life Sciences Abstracts

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0002671213 IP Accession No: 6149777

Cloning and expression of a fat body-specific chitinase cDNA from the spider, *Araneus ventricosus*

Publication Date: 2005

Descriptors: Chitinase; Nucleotide sequence; Open reading frames; Chitin; Tunicamycin; Fat body; *Araneus ventricosus*  
 Identifiers: cDNA; amino acid sequence predictions  
 Subj Catg: 07366, Insects/arachnids; 05216, Biochemical genetics

34/8/3 (Item 3 from file: 24) Links

CSA Life Sciences Abstracts

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0002584058 IP Accession No: 5944678

Deletion of a hypoviral-regulated cppk1 gene in a chestnut blight fungus, *Cryphonectria parasitica*, results in microcolonies

Publication Date: 2004

Descriptors: Blight; Protein-serine/threonine kinase; Gene regulation; Heterokaryons; Spores; Hyphae; Pigmentation; Cell walls; Plant diseases; *Cryphonectria parasitica*; Hypovirus

Identifiers: cppk1 gene; chestnut blight fungus

Subj Catg: 07330, Fungal genetics; 03079, Fungi

34/8/4 (Item 4 from file: 24) Links

CSA Life Sciences Abstracts

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0002417933 IP Accession No: 5415106

Calpain-dependent cleavage of cain/cabin1 activates calcineurin to mediate calcium-triggered cell death

Publication Date: 2002

Descriptors: Calpain; Calcineurin; Calcium; Cell death; Cain protein

Subj Catg: 20029, Enzymes

34/8/5 (Item 5 from file: 24) Links

CSA Life Sciences Abstracts

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0002356972 IP Accession No: 5442921

Characterization of a fungal protein kinase from *Cryphonectria parasitica* and its transcriptional upregulation by hypovirus

Publication Date: 2002

Descriptors: Plant diseases; Sterility; Conidia; Protein kinase; Gene regulation; Blight; Nucleotide sequence; Protein-serine/threonine kinase; cppk1 gene; ptk1 gene; Mf2/1 gene; Mf2/2 gene; *Cryphonectria parasitica*; Hypovirus; *Escherichia coli*

Identifiers: cDNA; amino acid sequence prediction

Subj Catg: 07330, Fungal genetics; 03079, Fungi

34/8/6 (Item 6 from file: 24) Links

CSA Life Sciences Abstracts

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0002208642 IP Accession No: 5115181

*Drosophila* phosphoinositide-dependent kinase-1 regulates apoptosis and growth via the phosphoinositide 3-kinase-dependent signaling pathway

Publication Date: 2001

Descriptors: Enzymatic activity; Apoptosis; Mutants; Gene expression; Phenotypes; phosphoinositide-dependent kinase-1; *Drosophila*

Identifiers: Diptera

Subj Catg: 05187, Embryology

34/8/7 (Item 7 from file: 24) Links

CSA Life Sciences Abstracts

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0002206848 IP Accession No: 5110842

Promoter methylation of DAP-kinase: association with advanced stage in non-small cell lung cancer

Publication Date: 2001

Descriptors: Demography; Tobacco; Asbestos; Promoters; Methylation; Lung cancer; DAP-kinase; death-associated protein kinase; DNA methylation; Protein-serine/threonine kinase; DAP protein; lung carcinoma; death associated protein kinase

Identifiers: clinical factors; man

Subj Catg: 14555, Miscellaneous; 26170, Other oncogenes & GF's with serine-threonine kinase activity

34/8/8 (Item 8 from file: 24) Links

CSA Life Sciences Abstracts

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0002195281 IP Accession No: 4871197

SPIN90 (SH3 Protein Interacting with Nck, 90 kDa), an Adaptor Protein That Is Developmentally Regulated during Cardiac Myocyte Differentiation

Publication Date: 2001

Descriptors: Developmental genetics; Cell fate; Pattern formation; Differentiation; Nucleotide sequence; Sarcomeres; SPIN90 protein; Fyn protein; Yes protein; c-Src protein; Nck protein

Identifiers: man; cDNA; amino acid sequence prediction

Subj Catg: 07430, Chromosome studies/nucleotide sequence; 14640, Structure & sequence

34/8/9 (Item 9 from file: 24) Links

CSA Life Sciences Abstracts

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0002163479 IP Accession No: 4797695

Inhibition of Akt and Its Anti-apoptotic Activities by Tumor Necrosis Factor-induced Protein Kinase C-related Kinase 2 (PRK2) Cleavage

Publication Date: 2000

Descriptors: Apoptosis; Tumor necrosis factor; protein cleavage; Akt protein; PRK2 protein

Subj Catg: 26245, Apoptosis/Bcl-2

34/8/10 (Item 10 from file: 24) Links

CSA Life Sciences Abstracts

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0002152583 IP Accession No: 4770610

Purification, characterization, and primary structure of a chitinase from Pseudomonas sp. YHS-A2

Publication Date: 2000

Descriptors: Chitinase; ChiA protein; Pseudomonas

Identifiers: purification; characterization; plasmid pUC19

Subj Catg: 01006, Enzymes & cofactors; 32310, Enzymes and cofactors

34/8/11 (Item 11 from file: 24) Links

CSA Life Sciences Abstracts

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0002101629 IP Accession No: 4732225

The inhibition of ERK/MAPK not the activation of JNK/SAPK is primarily required to induce apoptosis in chronic myelogenous leukemic K562 cells

Publication Date: 2000

Descriptors: Apoptosis; Chronic myeloid leukemia; ERK protein; mitogen-activated protein kinase; JNK protein; SAPK protein

Subj Catg: 26170, Other oncogenes & GF's with serine-threonine kinase activity

34/8/12 (Item 12 from file: 24) Links

CSA Life Sciences Abstracts

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0002014724 IP Accession No: 4610799

Cloning and characterization of a nuclear S6 kinase, S6 kinase-related kinase (SRK); A novel nuclear target of Akt

Publication Date: 1999

Descriptors: 1-Phosphatidylinositol 3-kinase; Akt gene; SRK gene; S6 kinase-related kinase; p70 protein; wortmannin; rapamycin; Ribosomal protein S6 kinases

Identifiers: cloning; nucleotide sequence; amino acid sequence prediction

Subj Catg: 14640, Structure & sequence; 07381, General; 26170, Other oncogenes & GF's with serine-threonine kinase activity

34/8/13 (Item 13 from file: 24) Links

CSA Life Sciences Abstracts

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0001624940 IP Accession No: 3923294

A transcription map of the DiGeorge and velo-cardio-facial syndrome minimal critical region on 22q11

Publication Date: 1996

Descriptors: thymic hypoplasia; man

Identifiers: velo-cardio-facial syndrome; chromosome 22; DGCR2/IDD/LAN gene; protein-serine/threonine kinase; tricarboxylate transporter; clathrin

Subj Catg: 07430, Chromosome studies/nucleotide sequence

34/8/14 (Item 14 from file: 24) Links

CSA Life Sciences Abstracts

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0001468548 IP Accession No: 3712733

Heat shock protein hsp70 accelerates the recovery of heat-shocked mammalian cells through its modulation of heat shock transcription factor HSF1

Publication Date: 1995

Descriptors: gene regulation; heat shock; mammalian cells

Identifiers: HSF1 protein; heat shock factor; Hsp70 protein; rats

Subj Catg: 14930, Transcription factors

34/8/15 (Item 1 from file: 50) Links

CAB Abstracts

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0008934292 CAB Accession Number: 20053223568

Comparison of proteome and antigenic proteome between two Neospora caninum isolates.



Publication Year: 2005

Descriptors: actin; antigens; fructose-bisphosphate aldolase; heat shock proteins; IgG; immune response; isoelectric point; isomerases; lactate dehydrogenase; molecular weight; phosphoric monoester hydrolases; proteins; pyruvate kinase; serine proteinases; tachyzoites; tubulin  
Identifiers: enolase; microneme; nucleoside triphosphatase; proteome; proteomics  
CAS Registry Numbers: 9024-52-6; 9001-60-9; 9001-59-6  
Organism Descriptors: dogs; Neospora caninum  
Broader Terms: Canis; Canidae; Fissipeda; carnivores; mammals; vertebrates; Chordata; animals; small mammals; Neospora; Sarcocystidae; Eucoccidiorida; Apicomplexa; Protozoa; invertebrates  
CABICodes: Protozoan, Helminth, Mollusc and Arthropod Parasites of Animals, (New March 2000) (LL822); Biochemistry and Physiology of Microorganisms, (New March 2000) (ZZ394); Genetics and Molecular Biology of Microorganisms, (New March 2000) (ZZ395)

34/8/16 (Item 2 from file: 50) Links

CAB Abstracts

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0008347980 CAB Accession Number: 20033004060

A phytochrome-associated protein phosphatase 2A modulates light signals in flowering time control in Arabidopsis .

Publication Year: 2002

Descriptors: far red light; flowering; gene expression; genes; light; light relations; photoperiod; photoperiodism; photoreceptors; phytochrome; red light; transgenic plants  
Identifiers: serine/threonine specific protein phosphatase  
Organism Descriptors: Arabidopsis thaliana; plants  
Broader Terms: Arabidopsis; Brassicaceae; Capparidales; dicotyledons; angiosperms; Spermatophyta; plants  
CABICodes: Plant Breeding and Genetics (FF020); Plant Physiology and Biochemistry (FF060); Genetic Engineering, Gene Transfer and Transgenics, (New June 2002) (WW100)

34/8/17 (Item 3 from file: 50) Links

CAB Abstracts

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0008302827 CAB Accession Number: 20023154899

Calcineurin, a calcium/calmodulin-dependent protein phosphatase, is involved in movement, fertility, egg laying, and growth in Caenorhabditis elegans .

Publication Year: 2002

Descriptors: enzymes; fertility; free living nematodes; gene expression; genes; growth; movement; mutants; mutations; pleiotropy; signal transduction; spermatheca; spermatozoa; vulva  
Identifiers: serine/threonine specific protein phosphatase  
Organism Descriptors: Caenorhabditis elegans  
Broader Terms: Caenorhabditis; Rhabditidae; Nematoda; invertebrates; animals  
CABICodes: Soil Biology (JJ100); Reproduction, Development and Life Cycle (Wild Animals), (New March 2000) (YY200); Genetics and Molecular Genetics (Wild Animals), (New March 2000) (YY300); Physiology and Biochemistry (Wild Animals), (New March 2000) (YY400)

34/8/18 (Item 4 from file: 50) Links

CAB Abstracts

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0007818023 CAB Accession Number: 20000402489

Fermentation of goat milk using *Lactobacillus plantarum* and *Candida kefir* isolated from Mongolian koumiss.

Publication Year: 1999

Descriptors: goat milk; milk; essential amino acids; ethanol; fermentation; cultured milks; lactose; total solids; lactic acid bacteria; minerals; milk products; viscosity; yoghurt; physicochemical properties; koumiss; sensory evaluation; organoleptic traits

Identifiers: taste panels

CAS Registry Numbers: 64-17-5; 62-42-3

Organism Descriptors: *Lactobacillus delbrueckii* subsp. *bulgaricus*; yeasts; *Lactobacillus plantarum*; *Candida kefir*

Geographic Names: Korea Republic

Broader Terms: *Lactobacillus delbrueckii*; *Lactobacillus*; *Lactobacillaceae*; Firmicutes; bacteria; prokaryotes; Eumycota; fungi; *Candida*; Deuteromycotina; East Asia; Asia; Developing Countries; Threshold Countries; OECD Countries

CABICodes: Milk and Dairy Produce (QQ010); Food Composition and Quality (QQ500); Microbial Technology in Food Processing (QQ120)

34/8/19 (Item 1 from file: 143) Links

Biol. & Agric. Index

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1903128 H.W. Wilson Record Number: BBAI05166273

Molecular Cloning and Characterization of the Human AKT1 Promoter Uncovers Its Up-regulation by the Src/Stat3 Pathway

Descriptors: Serine-threonine kinase; Molecular cloning; Apoptosis--Inhibition  
20051125

34/8/20 (Item 2 from file: 143) Links

Biol. & Agric. Index

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1800130 H.W. Wilson Record Number: BBAI03138980

Regulation of the Phosphatidylinositol 3-Kinase, Akt/Protein Kinase B, FRAP/Mammalian Target of Rapamycin, and Ribosomal S6 Kinase 1 Signaling Pathways by Thyroid-stimulating Hormone (TSH) and Stimulating type TSH Receptor Antibodies in the Thyroid Gland

Descriptors: Serine-threonine kinase--Regulation; Signal transduction; Thyrotropin; Thyroid gland--Drug effects; mTOR protein  
20030613

34/8/21 (Item 3 from file: 143) Links

Biol. & Agric. Index

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1548470 H.W. Wilson Record Number: BBAI01052315

Akt/PKB promotes cancer cell invasion via increased motility and metalloproteinase production

Descriptors: Metalloproteinases; Cells--Motility; Metastasis; Serine-threonine kinase  
20010900

34/8/22 (Item 4 from file: 143) Links

Biol. & Agric. Index

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1548013 H.W. Wilson Record Number: BBAI01025205

Cyclic AMP inhibits Akt activity by blocking the membrane localization of PDK1

Descriptors: Adenosine monophosphate; Serine-threonine kinase--Regulation;  
Phosphatidylinositol kinase  
20010420

34/8/23 (Item 1 from file: 393) Links

Title: Increase of the Protease Activity of Aqualysis I, a Thermostable Serine  
Protease, by Replacing Asn219 near the Catalytic Residue Ser222  
Pub. Year: 1997

>>>W: "FREE" is not a valid format name in file(s): 399

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Set	Items	Description
S1	38	SELECT AU=PARK, YOUNG
S2	0	SELECT AU=LEE, BYOUNG
S3	277	SELECT AU=LEE, B
S4	0	S S3 AND THREONINE
S5	6	S S3 AND INACTIV?
S6	5	SELECT AU=KIM, DAE
S7	83	SELECT AU=LEE, JIN
S8	2	SELECT AU=CHO, JAE
S9	0	S S1 AND THREONINE
S10	199	SELECT AU=PARK, Y
S11	0	S S10 AND THREONINE
S12	0	S S10 AND INACTIV
S13	0	S S10 AND PCKA
S14	0	S S1 AND PCKA
S15	20541	SELECT AU=PARK, Y?
S16	18	S S15 AND THREONINE
S17	19035	SELECT AU=LEE, B?
S18	19	S S17 AND THREONINE
S19	0	S S6 AND THREONINE
S20	32702	SELECT AU=KIM, D?
S21	39	S S20 AND THREONINE
S22	0	S S7 AND THREONINE
S23	67146	SELECT AU=LEE, J?
S24	87	S S23 AND THREONINE
S25	0	S S8 AND THREONINE
S26	7595	SELECT AU=CHO, J?
S27	17	S S26 AND THREONINE
S28	920723	S S24 AND INACTIVAT? OR DELET? OR ATTENUT?
S29	18	S S16
S30	17	RD (unique items)
S31	19	S S18
S32	16	RD (unique items)
S33	39	S S21
S34	35	RD (unique items)
S35	87	S S24
S36	75	RD (unique items)
S37	17	S S27
S38	16	RD (unique items)

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>>>W: "FREE" is not a valid format name in file(s): 399

36/8/1 (Item 1 from file: 24) Links

CSA Life Sciences Abstracts

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0002846300 IP Accession No: 6747651

Protein Kinase-mediated Regulation of Calcineurin through the Phosphorylation of  
Modulatory Calcineurin-interacting Protein 1

Publication Date: 2006

Descriptors: BMK1 protein; Calcineurin; Phosphorylation; DSCR1 protein; NF-AT  
protein; Signal transduction; MAP kinase; Angiotensin; Lymphocytes T;  
cardiomyocytes; protein phosphatase; Protein kinase; Angiotensin II; Myocytes;  
Protein interaction; Differentiation; 14-3-3 protein; Hypertrophy;  
Protein-serine/threonine-phosphatase  
Identifiers: mice; MEKK3 protein; MEK5 protein  
Subj Catg: 07397, Rodentia (mice)

36/8/2 (Item 2 from file: 24) Links

CSA Life Sciences Abstracts

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0002842601 IP Accession No: 6152798

Double-stranded RNA-activated protein kinase is required for the LPS-induced  
activation of STAT1 inflammatory signaling in rat brain glial cells

Publication Date: 2005

Descriptors: Stat1 protein; eIF-2 kinase; Phosphorylation; Signal transduction;  
siRNA; Glial cells; Central nervous system; Gene regulation; Stress; NF- Kappa B  
protein; beta -Interferon; Protein-serine/threonine kinase; Astrocytes  
Identifiers: rats  
Subj Catg: 11073, Glial cell biology and metabolism

36/8/3 (Item 3 from file: 24) Links

CSA Life Sciences Abstracts

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0002819580 IP Accession No: 6758481

The JAK2 V617F mutation in de novo acute myelogenous leukemias

Publication Date: 2006

Descriptors: Janus kinase 2; Missense mutation; Acute myeloid leukemia; Malignancy;  
Colon; Myeloproliferative diseases; Myelofibrosis; Signal transduction; Breast  
cancer; Myeloid metaplasia; Polycythemia vera; Single strand conformation  
polymorphism  
Subj Catg: 26170, Other oncogenes & GF's with serine-threonine kinase activity

36/8/4 (Item 4 from file: 24) Links

CSA Life Sciences Abstracts

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0002797578 IP Accession No: 6527127

Big Mitogen-Activated Protein Kinase 1/Extracellular Signal-Regulated Kinase 5  
Signaling Pathway Is Essential for Tumor-Associated Angiogenesis

Publication Date: 2005

Descriptors: Angiogenesis; Endothelial cells; Phosphorylation; vascularization; MAP  
kinase; Signal transduction; Vascular system; Extracellular signal-regulated kinase;  
Cell survival; Blood vessels; Ribosomal protein S6 kinase; Embryos; Xenografts;  
ribosomal protein S6; Transgenic mice; Gene deletion; Cell proliferation; ribosomal  
S6 kinase; BMK1 protein; Adenovirus  
Subj Catg: 14010, Physical & Computer Methods & Assays; 26170, Other oncogenes &  
GF's with serine-threonine kinase activity

36/8/5 (Item 5 from file: 24) Links

CSA Life Sciences Abstracts

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0002778037 IP Accession No: 6549141

Regulatory analysis of amino acid synthesis pathway in Escherichia coli: aspartate family

Publication Date: 2004

Descriptors: Amino acids; Lysine; Threonine; Metabolism; Isoleucine; Protein synthesis; Enzymes; Asparagine; Reaction mechanisms; Methionine; Escherichia coli  
Subj Catg: 02727, Amino acids, peptides and proteins

36/8/6 (Item 6 from file: 24) Links

CSA Life Sciences Abstracts

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0002728426 IP Accession No: 6414824

Transcriptional Activity of Sp1 Is Regulated by Molecular Interactions between the Zinc Finger DNA Binding Domain and the Inhibitory Domain with Corepressors, and This Interaction Is Modulated by MEK

Publication Date: 2005

Descriptors: Sp1 protein; Promoters; Repressors; Zinc finger proteins; DNA; DNA-binding protein; SMRT protein; Enhancers; Serine; Extracellular signal-regulated kinase; Transcription factors; Gene fusion; MAP kinase; Molecular modelling; Protein interaction; Fusion protein  
Subj Catg: 14085, DNA: Transcription factors, repressors, nucleoproteins & DNA-binding proteins

36/8/7 (Item 7 from file: 24) Links

CSA Life Sciences Abstracts

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0002725779 IP Accession No: 6396417

Erk phosphorylates threonine 42 residue of ribosomal protein S3

Publication Date: 2005

Descriptors: Extracellular signal-regulated kinase; ribosomal protein S3; Evolution; MAP kinase; Threonine; Ribosomes; Differentiation; DNA; DNA repair; Apoptosis  
Subj Catg: 14030, DNA: biosynthesis, repair & replication cycle

36/8/8 (Item 8 from file: 24) Links

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0002652563 IP Accession No: 6170695

A Single Nucleotide Polymorphism on the Promoter of eotaxin1 Associates with Its mRNA Expression and Asthma Phenotypes

Publication Date: 2005

Descriptors: Single-nucleotide polymorphism; Asthma; methacholine; Promoters; Immunoglobulin E; Tumor necrosis factor- alpha ; Gene polymorphism; Threonine; Inflammation; Alanine; Peripheral blood  
Subj Catg: 06846, Clinical

36/8/9 (Item 9 from file: 24) Links

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0002641135 IP Accession No: 6090781

Proteomic response analysis of a threonine-overproducing mutant of Escherichia coli

Publication Date: 2004

Descriptors: Threonine; Malate dehydrogenase; Citrate (si)-synthase; oxaloacetic acid; Aspartate ammonia-lyase; Aspartic acid; L- Threonine 3-dehydrogenase; Cystathionine beta -lyase; Escherichia coli

Identifiers: homoserine

Subj Catg: 07320, Bacterial genetics; 02727, Amino acids, peptides and proteins

36/8/10 (Item 10 from file: 24) Links

CSA Life Sciences Abstracts

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0002623308 IP Accession No: 5932554

Activation of cyclin-dependent kinase 5 is involved in axonal regeneration

Publication Date: 2004

Descriptors: Cyclin-dependent kinase 5; Regeneration; Motor neurons; Growth cones; Protein-serine/threonine kinase; Axonogenesis; Peripheral nerves; p35 protein

Subj Catg: 11057, Neural transplantation and regeneration

36/8/11 (Item 11 from file: 24) Links

CSA Life Sciences Abstracts

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0002586013 IP Accession No: 5801667

Regulation of the Dual Specificity Protein Phosphatase, DsPTP1, through Interactions with Calmodulin

Publication Date: 2004

Descriptors: Phosphorylation; Calmodulin; Plants; Phosphoprotein phosphatase; Signal transduction; Calcium-binding protein; Calcium signalling; Dephosphorylation; phosphotyrosine; p-nitrophenyl phosphate; Protein kinase; Threonine; Site-directed mutagenesis; Arabidopsis

Subj Catg: 20060, Plants

36/8/12 (Item 12 from file: 24) Links

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0002539697 IP Accession No: 5837742

Biochemical characterization of the Drosophila wingless Signaling Pathway Based on RNA Interference

Publication Date: 2004

Descriptors: Phosphorylation; Intracellular signalling; RNA-mediated interference; casein kinase I alpha ; wingless protein; Armadillo protein; Zeste-white protein; Daxin; Drosophila

Subj Catg: 14560, Antisense research

36/8/13 (Item 13 from file: 24) Links

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0002517117 IP Accession No: 5758226

Phosphorylated Claspin Interacts with a Phosphate-binding Site in the Kinase Domain of Chk1 during ATR-mediated Activation

Publication Date: 2003

Descriptors: Site-directed mutagenesis; DNA damage; Phosphorylation; Chk1 protein; ATR protein; Claspin; Xenopus  
Identifiers: Clawed frogs  
Subj Catg: 14681, Mutagenesis techniques

36/8/14 (Item 14 from file: 24) Links

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0002504683 IP Accession No: 5701593

Global Analyses of Transcriptomes and Proteomes of a Parent Strain and an L-Threonine-Overproducing Mutant Strain

Publication Date: 2003

Descriptors: Nucleotide sequence; Gene regulation; Threonine; Ribosomal proteins; transcriptomes; proteomes; aceA gene; aceB gene; gltA gene; icdA gene; glnA gene; leu gene; yigJ gene; yfiD gene; hdeB gene; hdeA gene; oppA gene; thrA gene; proA gene; thrC gene; dadA gene; dadX gene; ompF gene; oppB gene; oppF gene; thrA345 gene; lva97 gene; thrB gene; Escherichia coli  
Subj Catg: 07320, Bacterial genetics; 02740, Genetics and evolution

36/8/15 (Item 15 from file: 24) Links

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0002476214 IP Accession No: 5622167

Involvement of PI3K/Akt pathway in cell cycle progression, apoptosis, and neoplastic transformation: a target for cancer chemotherapy

Publication Date: 2003

Descriptors: 1-Phosphatidylinositol 3-kinase; Cell cycle; Cancer; Chemotherapy; Transformation; Signal transduction; Cyclins; Cyclin-dependent kinase; Cell proliferation; Akt protein  
Subj Catg: 26170, Other oncogenes & GF's with serine-threonine kinase activity

36/8/16 (Item 16 from file: 24) Links

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0002428209 IP Accession No: 5493823

PKB/Akt phosphorylates p27, impairs nuclear import of p27 and opposes p27-mediated G1 arrest

Publication Date: 2002

Descriptors: Phosphorylation; Breast carcinoma; G1 phase; Akt gene; Kit1 gene; p27 protein  
Identifiers: man  
Subj Catg: 26242, Cyclins and cyclin-dependent kinases

36/8/17 (Item 17 from file: 24) Links

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0002341107 IP Accession No: 5386836

The Raf/MEK/ERK signal transduction cascade as a target for chemotherapeutic intervention in leukemia

Publication Date: 2002

authorsearch1.txt

Descriptors: Reviews; Signal transduction; Chemotherapy; Gene targeting; Leukemia;  
Raf protein; MEK protein; ERK protein  
Identifiers: man  
Subj Catg: 26170, Other oncogenes & GF's with serine-threonine kinase activity

36/8/18 (Item 18 from file: 24) Links  
CSA Life Sciences Abstracts  
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0002306266 IP Accession No: 5348375  
Casein kinase I phosphorylates the Armadillo protein and induces its degradation in  
Drosophila

Publication Date: 2002

Descriptors: Overexpression; Embryos; Cuticles; Gene disruption; Degradation;  
Phosphorylation; casein kinase I; Armadillo protein; Gene expression; Drosophila  
Subj Catg: 07250, Developmental genetics; 05187, Embryology

36/8/19 (Item 19 from file: 24) Links  
CSA Life Sciences Abstracts  
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0002281744 IP Accession No: 5298038  
Structural and Functional Role of Threonine 112 in a Superantigen Staphylococcus  
aureus Enterotoxin B

Publication Date: 2002

Descriptors: Threonine; Superantigens; Enterotoxins; staphylococcal enterotoxin B;  
Staphylococcus aureus  
Identifiers: mutants  
Subj Catg: 02822, Biosynthesis and physicochemical properties; 01023, Others; 24171,  
Microbial

36/8/20 (Item 20 from file: 24) Links  
CSA Life Sciences Abstracts  
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0002262626 IP Accession No: 5281867  
Regulation of pancreatic beta -cell growth and survival by the serine/ threonine  
protein kinase Akt1/PKB alpha

Publication Date: 2001

Descriptors: Lymphocytes B; Pancreas; Proliferation; Insulin; Glucose tolerance;  
Signal transduction; Diabetes mellitus; Akt1 protein; PKBa protein; Drosophila  
melanogaster; Mammalia  
Identifiers: Mammals  
Subj Catg: 07250, Developmental genetics

36/8/21 (Item 21 from file: 24) Links  
CSA Life Sciences Abstracts  
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0002208642 IP Accession No: 5115181  
Drosophila phosphoinositide-dependent kinase-1 regulates apoptosis and growth via  
the phosphoinositide 3-kinase-dependent signaling pathway

Publication Date: 2001

Descriptors: Enzymatic activity; Apoptosis; Mutants; Gene expression; Phenotypes;  
Page 30



authorsearch1.txt  
phosphoinositide-dependent kinase-1; Drosophila  
Identifiers: Diptera  
Subj Catg: 05187, Embryology

36/8/22 (Item 22 from file: 24) Links  
CSA Life Sciences Abstracts  
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0002187441 IP Accession No: 4857371  
BMK1 Mediates Growth Factor-induced Cell Proliferation through Direct Cellular  
Activation of Serum and Glucocorticoid-inducible Kinase

Publication Date: 2001

Descriptors: Cell proliferation; Glucocorticoids; Phosphorylation; BMK1 protein;  
mitogen-activated protein kinase  
Subj Catg: 26170, Other oncogenes & GF's with serine-threonine kinase activity

36/8/23 (Item 23 from file: 24) Links  
CSA Life Sciences Abstracts  
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0002181480 IP Accession No: 4846159  
A Novel Mitogen-Activated Protein Kinase Is Responsive to Raf and Mediates Growth  
Factor Specificity

Publication Date: 2001

Descriptors: Fibroblast growth factor; Epidermal growth factor; Phosphorylation;  
Transcription factors; mitogen-activated protein kinase; Raf gene; p97 protein  
Subj Catg: 26170, Other oncogenes & GF's with serine-threonine kinase activity;  
14940, Nucleic acid-binding proteins

36/8/24 (Item 24 from file: 24) Links  
CSA Life Sciences Abstracts  
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0002165523 IP Accession No: 4800667  
Ptc1, a Type 2C Ser/Thr Phosphatase, Inactivates the HOG Pathway by  
Dephosphorylating the Mitogen-Activated Protein Kinase Hog1

Publication Date: 2001

Descriptors: Gene regulation; MAP kinase; Protein-serine/threonine-phosphatase;  
Osmotic stress; Hog1 protein; Ptc1 protein; PTC3 gene; PTC2 gene; Saccharomyces  
cerevisiae  
Identifiers: budding yeast  
Subj Catg: 14662, Gene regulation; 03015, Fungi

36/8/25 (Item 25 from file: 24) Links  
CSA Life Sciences Abstracts  
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0001964239 IP Accession No: 4497712  
Frequent Somatic Mutations in Serine/Threonine Kinase 11/Peutz-Jeghers Syndrome Gene  
in Left-sided Colon Cancer

Publication Date: 1998

Descriptors: Protein-serine/threonine kinase; Colorectal carcinoma; Loss of  
heterozygosity; Tumor suppressor genes; STK11 gene; Peutz-Jeghers syndrome  
Identifiers: nucleotide sequence; frameshift mutant; missense mutant; man  
Subj Catg: 07471, General

36/8/26 (Item 26 from file: 24) Links

CSA Life Sciences Abstracts

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0001908311 IP Accession No: 4404111

Truncation Mutations in the Transactivation Region of PAX6 Result in Dominant-Negative Mutants

Publication Date: 1998

Descriptors: Transcription factors; Eye lens; PAX-6 protein; aniridia

Identifiers: man

Subj Catg: 14930, Transcription factors

36/8/27 (Item 27 from file: 24) Links

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0001888710 IP Accession No: 4389186

Prostaglandin E sub(2) increases proenkephalin mRNA level in rat astrocyte-enriched culture

Descriptors: proenkephalin; Prostaglandin E2; Astrocytes; Protein kinase A

Identifiers: rats; mRNA

Subj Catg: 11075, Molecular neurobiology

36/8/28 (Item 28 from file: 24) Links

CSA Life Sciences Abstracts

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0001876809 IP Accession No: 4358479

The Negative Dominant Effects of T340M Mutation on Mammalian Pyruvate Kinase

Publication Date: 1998

Descriptors: Pyruvate kinase; phosphoenolpyruvate

Identifiers: rabbits

Subj Catg: 07393, Lagomorpha

36/8/29 (Item 29 from file: 24) Links

CSA Life Sciences Abstracts

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0001666414 IP Accession No: 3980001

Characterization of carbohydrate-peptide linkage of acidic heteroglycopeptide with immuno-stimulating activity from mycelium of *Phellinus linteus*

Publication Date: 1996

Descriptors: carbohydrates; peptides; glycoproteins; immunostimulation; mycelia;

*Phellinus linteus*

Identifiers: serine; threonine; alanine

Subj Catg: 03025, Fungi

36/8/30 (Item 30 from file: 24) Links

CSA Life Sciences Abstracts

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0001621046 IP Accession No: 3918370

A specific protein carboxyl methyltransferase that demethylates phosphoprotein phosphatase 2A in bovine brain

Publication Date: 1996

Descriptors: brain; methylation  
Identifiers: cattle; serine/threonine phosphatase; phosphoprotein phosphatase 2A; okadaic acid; methyltransferase; methyltransferase  
Subj Catg: 11075, Molecular neurobiology

36/8/31 (Item 31 from file: 24) Links  
CSA Life Sciences Abstracts  
(c) 2006 CSA. All rights reserved.  
0001609610 IP Accession No: 3902661  
Regulation of A-raf expression

Publication Date: 1996

Descriptors: steroid hormones; transcription; man; HeLa cells; promoters; gene expression  
Identifiers: A-raf gene; glucocorticoid receptors  
Subj Catg: 26150, Raf/Mil/Pks oncogenes; 26400, HUMAN-RELATED ONCOGENES AND GROWTH FACTORS: CROSS REFERENCES

36/8/32 (Item 32 from file: 24) Links  
CSA Life Sciences Abstracts  
(c) 2006 CSA. All rights reserved.  
0001602637 IP Accession No: 3892486  
A Drosophila homolog of the Rac- and Cdc42-activated serine/ threonine kinase is a potential focal adhesion and focal complex protein that colocalizes with dynamic actin structures

Publication Date: 1996

Descriptors: cytoskeleton; Drosophila melanogaster  
Identifiers: DPAK protein; Rac protein; Cdc42 protein; actin  
Subj Catg: 14640, Structure & sequence; 05213, Genes & molecular genetics

36/8/33 (Item 33 from file: 24) Links  
CSA Life Sciences Abstracts  
(c) 2006 CSA. All rights reserved.  
0001599742 IP Accession No: 3888341  
LET-23-mediated signal transduction during Caenorhabditis elegans development

Publication Date: 1995

Descriptors: developmental genetics; signal transduction; vulva; Caenorhabditis elegans  
Identifiers: protein-tyrosine kinase receptors; LET-23 protein; epidermal growth factor receptors  
Subj Catg: 07250, Developmental genetics

36/8/34 (Item 34 from file: 24) Links  
CSA Life Sciences Abstracts  
(c) 2006 CSA. All rights reserved.  
0001592704 IP Accession No: 3878549  
Identification of mitogen-activated protein (MAP) kinase-activated protein kinase-3, a novel substrate of CSBP p38 MAP kinase

Publication Date: 1996

Descriptors: man; nucleotide sequence  
Identifiers: CSBP protein; MAP kinase; MAPKAP kinase 3; amino acid sequence  
prediction; p38 protein  
Subj Catg: 14640, Structure & sequence; 07430, Chromosome studies/nucleotide  
sequence; 26170, Other oncogenes & GF's with serine-threonine kinase activity

36/8/35 (Item 35 from file: 24) Links  
CSA Life Sciences Abstracts  
(c) 2006 CSA. All rights reserved.  
0001589684 IP Accession No: 3874031  
Role for p38 mitogen-activated protein kinase in platelet aggregation caused by  
collagen or a thromboxane analogue

Publication Date: 1996

Descriptors: platelets; man  
Identifiers: mitogen-activated protein kinase; collagen; thromboxane  
Subj Catg: 26170, Other oncogenes & GF's with serine-threonine kinase activity;  
06757, NK cells

36/8/36 (Item 36 from file: 24) Links  
CSA Life Sciences Abstracts  
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0001579480 IP Accession No: 3860861  
Characterization of the structure and function of a novel MAP kinase kinase (MKK6)

Publication Date: 1996

Descriptors: man; amino acid composition; DNA; cloning  
Identifiers: MKK6 protein; mitogen-activated protein kinase  
Subj Catg: 26170, Other oncogenes & GF's with serine-threonine kinase activity;  
26400, HUMAN-RELATED ONCOGENES AND GROWTH FACTORS: CROSS REFERENCES

36/8/37 (Item 37 from file: 24) Links  
CSA Life Sciences Abstracts  
(c) 2006 CSA. All rights reserved.  
0001578137 IP Accession No: 3858879  
Inhibitors of serine/threonine kinases

Publication Date: 1995

Descriptors: inhibitors; probes; signal transduction  
Identifiers: protein-serine/threonine kinase  
Subj Catg: 33310, Enzymes and cofactors

36/8/38 (Item 38 from file: 24) Links  
CSA Life Sciences Abstracts  
(c) 2006 CSA. All rights reserved.  
0001411034 IP Accession No: 3637195  
Use of site-directed mutagenesis to define the limits of sequence variation  
tolerated for processing of the M13 procoat protein by the Escherichia coli leader  
peptidase

Publication Date: 1991

Descriptors: leader sequence; site-directed mutagenesis; amino acid sequence;  
Escherichia coli  
Identifiers: leader peptidase; M13 procoat protein  
Subj Catg: 14681, Mutagenesis techniques; 02727, Amino acids, peptides and proteins

36/8/39 (Item 39 from file: 24) Links

CSA Life Sciences Abstracts

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0001166329 IP Accession No: 2798914

Improved L-lysine production by the amplification of the *Corynebacterium glutamicum* dapA gene encoding dihydrodipicolinate synthetase in *E. coli*.

Publication Date: 1991

Descriptors: gene amplification; cloning; gene expression; overproduction; recombinant; biosynthesis; genes; *Corynebacterium glutamicum*; dihydrodipicolinate synthetase; dapA gene; *Escherichia coli*; lysine; *Corynebacterium glutamicum*; *Escherichia coli*

Identifiers: dihydrodipicolinate synthetase; dapA gene; lysine

Subj Catg: 02740, Genetics and evolution; 30134, Microorganisms; 14684, Expression of cloned genes; 07120, Recombinant DNA/Genetic engineering; 02727, Amino acids, peptides and proteins; 30405, Amino acids

36/8/40 (Item 40 from file: 24) Links

CSA Life Sciences Abstracts

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0001138928 IP Accession No: 2734607

Molecular cloning and expression of s-(2-aminoethyl)-L-cysteine resistant aspartokinase gene of *Corynebacterium glutamicum*.

Publication Date: 1991

Descriptors: genes; cloning; resistance; plasmids; transformation; gene expression; *Corynebacterium glutamicum*; aspartate kinase; s-(2-aminoethyl)-L-cysteine; *Corynebacterium glutamicum*

Identifiers: aspartate kinase; s-(2-aminoethyl)-L-cysteine

Subj Catg: 02740, Genetics and evolution; 14684, Expression of cloned genes; 07320, Bacterial genetics; 30134, Microorganisms; 02728, Enzymes

36/8/41 (Item 41 from file: 24) Links

CSA Life Sciences Abstracts

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0000782466 IP Accession No: 1971045

A protein kinase that phosphorylates the C-terminal repeat domain of the largest subunit of RNA polymerase II.

Publication Date: 1989

Descriptors: DNA-directed RNA polymerase II; *Saccharomyces cerevisiae*; *Saccharomyces cerevisiae*

Identifiers: protein kinase; purification; phosphorylation; DNA-directed RNA polymerase II

Subj Catg: 16120, Proteins from other microorganisms; 03020, Fungi

36/8/42 (Item 42 from file: 24) Links

CSA Life Sciences Abstracts

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0000697896 IP Accession No: 1790994

Immunogenicity and antigenicity of immunoglobulins: Detection of human immunoglobulin light-chain carbohydrate, using concanavalin A.

Publication Date: 1987

authorsearch1.txt

Descriptors: carbohydrates; concanavalin A  
Identifiers: light chains; Bence Jones protein; immunoglobulins; concanavalin A  
Subj Catg: 16013, OTHER PHYSICOCHEMICAL INVESTIGATIONS; 06039, IgG

36/8/43 (Item 1 from file: 50) Links

CAB Abstracts

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0008909633 CAB Accession Number: 20053182608

Regulation of calcineurin, a calcium/calmodulin-dependent protein phosphatase, in *C. elegans* .

Publication Year: 2004

Descriptors: biological development; calcium; calcium binding proteins; catalytic activity; enzyme activity; enzyme inhibitors; enzymes; free living nematodes; gene expression; genes; growth; locomotion; oviposition; phosphoric monoester hydrolases; reviews

Identifiers: Rhabditida; Secernentea; serine/threonine protein phosphatase 1

CAS Registry Numbers: 7440-70-2

Organism Descriptors: *Caenorhabditis elegans*

Broader Terms: *Caenorhabditis*; Rhabditidae; Nematoda; invertebrates; animals

CABICodes: Soil Biology (JJ100); Genetics and Molecular Genetics (Wild Animals), (New March 2000) (YY300); Physiology and Biochemistry (Wild Animals), (New March 2000) (YY400); Molecular Biology and Molecular Genetics, (Discontinued March 2000, Reinstated and Revised June 2002) (ZZ360)

36/8/44 (Item 2 from file: 50) Links

CAB Abstracts

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0008773080 CAB Accession Number: 20053034568

Methionine and threonine synthesis are limited by homoserine availability and not the activity of homoserine kinase in *Arabidopsis thaliana* .

Publication Year: 2005

Descriptors: methionine; promoters; threonine

Identifiers: homoserine kinase

CAS Registry Numbers: 63-68-3; 72-19-5

Organism Descriptors: *Arabidopsis thaliana*

Broader Terms: *Arabidopsis*; Brassicaceae; Capparidales; dicotyledons; angiosperms; Spermatophyta; plants

CABICodes: Plant Physiology and Biochemistry (FF060); Weeds and Noxious Plants (FF500)

36/8/45 (Item 3 from file: 50) Links

CAB Abstracts

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0008590193 CAB Accession Number: 20043043380

Effects of phytase and enzyme complex supplementation to diets with different nutrient levels on growth performance and ileal nutrient digestibility of weaned pigs.

Publication Year: 2004

Descriptors: beta-galactosidase; bones; crude protein; digestibility; energy content; enzymes; feed conversion efficiency; feed supplements; galactomannans; growth; ileum; lysine; metabolizable energy; methionine; nutritive value; phosphorus; phytase; threonine; tryptophan

CAS Registry Numbers: 9031-11-2; 56-87-1; 63-68-3; 7723-14-0; 9001-89-2; 37288-11-2; 72-19-5; 73-22-3

Organism Descriptors: pigs  
Broader Terms: Sus scrofa; Sus; Suidae; Suiformes; Artiodactyla; mammals;  
vertebrates; Chordata; animals; ungulates  
CABICodes: Animal Nutrition (General) (LL500); Animal Nutrition (Physiology)  
(LL510); Animal Nutrition (Production Responses) (LL520)

36/8/46 (Item 4 from file: 50) Links

CAB Abstracts

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0008302827 CAB Accession Number: 20023154899

Calcineurin, a calcium/calmodulin-dependent protein phosphatase, is involved in movement, fertility, egg laying, and growth in *Caenorhabditis elegans*.

Publication Year: 2002

Descriptors: enzymes; fertility; free living nematodes; gene expression; genes; growth; movement; mutants; mutations; pleiotropy; signal transduction; spermatheca; spermatozoa; vulva

Identifiers: serine/threonine specific protein phosphatase

Organism Descriptors: *Caenorhabditis elegans*

Broader Terms: *Caenorhabditis*; Rhabditidae; Nematoda; invertebrates; animals

CABICodes: Soil Biology (JJ100); Reproduction, Development and Life Cycle (Wild Animals), (New March 2000) (YY200); Genetics and Molecular Genetics (Wild Animals), (New March 2000) (YY300); Physiology and Biochemistry (Wild Animals), (New March 2000) (YY400)

36/8/47 (Item 5 from file: 50) Links

CAB Abstracts

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0008037473 CAB Accession Number: 20013070017

Effects of low crude protein diets supplemented with synthetic amino acids on performance, nutrient utilization and carcass characteristics in finishing pigs reared using a phase feeding regimen.

Publication Year: 2001

Descriptors: backfat; carcass composition; carcass grading; carcass quality; carcass weight; dietary protein; diets; digestibility; dry matter; essential amino acids; excretion; fat thickness; feed conversion efficiency; feed intake; feed supplements; liveweight gain; lysine; methionine; nitrogen retention; nonessential amino acids; nutrition physiology; phosphorus; pig feeding; protein supplements; proteins; threonine; tryptophan

CAS Registry Numbers: 56-87-1; 63-68-3; 7723-14-0; 72-19-5; 73-22-3

Organism Descriptors: pigs

Broader Terms: Sus scrofa; Sus; Suidae; Suiformes; Artiodactyla; mammals; vertebrates; Chordata; animals; ungulates

CABICodes: Animal Nutrition (General) (LL500); Animal Nutrition (Physiology) (LL510); Animal Nutrition (Production Responses) (LL520); Meat Produce (QQ030); Food Composition and Quality (QQ500); Feed Composition and Quality (RR300)

36/8/48 (Item 6 from file: 50) Links

CAB Abstracts

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0007995648 CAB Accession Number: 20003029945

Optimal threonine:lysine ratio for growing pigs of different sexes.

Publication Year: 2000

Descriptors: amino acids; digestibility; essential amino acids; feed conversion efficiency; feed intake; gilts; liveweight gain; lysine; nonessential amino acids;

sex differences; threonine

CAS Registry Numbers: 56-87-1; 72-19-5

Organism Descriptors: pigs

Broader Terms: Sus scrofa; Sus; Suidae; Suiformes; Artiodactyla; mammals;

vertebrates; Chordata; animals; ungulates

CABICodes: Animal Nutrition (Physiology) (LL510); Animal Nutrition (Production Responses) (LL520)

36/8/49 (Item 7 from file: 50) Links

CAB Abstracts

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0007939293 CAB Accession Number: 20000406036

Amino acid metabolism by the mammary gland of dairy cows fed fresh pasture.

Publication Year: 2000

Descriptors: cows; dairy cows; mammary glands; metabolism; essential amino acids; milk protein yield; feeding; histidine; lysine; milk protein; phenylalanine; protein synthesis; threonine; tyrosine; uptake; amino acids

CAS Registry Numbers: 71-00-1; 56-87-1; 63-91-2; 72-19-5; 60-18-4

Organism Descriptors: cattle

Broader Terms: Bos; Bovidae; ruminants; Artiodactyla; mammals; vertebrates;

Chordata; animals; ungulates

CABICodes: Dairy Animals (LL110); Animal Nutrition (Production Responses) (LL520);

Animal Nutrition (Physiology) (LL510); Animal Physiology and Biochemistry (Excluding Nutrition) (LL600)

36/8/50 (Item 8 from file: 50) Links

CAB Abstracts

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0007921698 CAB Accession Number: 20000710930

CHRK1, a chitinase-related receptor-like kinase in tobacco.

Publication Year: 2000

Descriptors: kinases; tobacco; amino acids; complementary DNA; chitinase; glutamic acid; messenger RNA; pathogens; plasma membranes; enzymes; amino acid sequences; defence mechanisms

CAS Registry Numbers: 9001-06-3; 56-86-0

Organism Descriptors: Nicotiana tabacum; plant viruses; tobacco mosaic tobamovirus; Nicotiana

Broader Terms: Nicotiana; Solanaceae; Solanales; dicotyledons; angiosperms;

Spermatophyta; plants; viruses; plant pathogens; pathogens; tobamovirus group; plant viruses

CABICodes: Field Crops, (New March 2000) (FF005); Plant Physiology and Biochemistry

(FF060); Viral, Bacterial and Fungal Diseases of Plants, (New March 2000) (FF610);

Host Resistance and Immunity (HH600)

36/8/51 (Item 9 from file: 50) Links

CAB Abstracts

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0007874784 CAB Accession Number: 20001411444

The role of synthetic amino acids in monogastric animal production.

Publication Year: 2000

Descriptors: reviews; nutrition; amino acids; poultry; immune system; animal production; colostrum; diets; excretion; growth rate; health; intestines; milk; piglets; poultry manure; supplementary feeding; synthesis; threonine

CAS Registry Numbers: 72-19-5



Organism Descriptors: pigs  
Broader Terms: Sus scrofa; Sus; Suidae; Suiformes; Artiodactyla; mammals;  
vertebrates; Chordata; animals; ungulates  
CABICodes: Animal Nutrition (Physiology) (LL510)

36/8/52 (Item 10 from file: 50) Links

CAB Abstracts

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0007768357 CAB Accession Number: 19990404478

Amino acid utilisation by the mammary gland: whole blood versus plasma free amino acid pools.

Publication Year: 1999

Descriptors: mammary glands; cows; dairy cows; erythrocytes; blood; milk; milk protein; pastures; protein synthesis; synthesis; threonine; tyrosine; uptake; amino acids; utilization; milk synthesis

CAS Registry Numbers: 72-19-5; 60-18-4

Organism Descriptors: cattle

Broader Terms: Bos; Bovidae; ruminants; Artiodactyla; mammals; vertebrates; Chordata; animals; ungulates

CABICodes: Animal Physiology and Biochemistry (Excluding Nutrition) (LL600); Animal Nutrition (General) (LL500)

36/8/53 (Item 11 from file: 50) Links

CAB Abstracts

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0007627268 CAB Accession Number: 19981614751

Molecular characterization of a protein kinase gene in Chinese cabbage ( Brassica campestris subsp. napus var. pekinensis ).

Publication Year: 1997

Descriptors: Chinese cabbages; protein kinase; nucleotide sequences; gene expression; open reading frames; amino acid sequences; polypeptides; roots

CAS Registry Numbers: 9026-43-1

Organism Descriptors: Brassica pekinensis; Brassica

Broader Terms: Brassica; Brassicaceae; Capparidales; dicotyledons; angiosperms; Spermatophyta; plants

CABICodes: Plant Breeding and Genetics (FF020); Biotechnology (General), (Revised June 2002) (ww000)

36/8/54 (Item 12 from file: 50) Links

CAB Abstracts

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0004576965 CAB Accession Number: 19780207543

Composition of pollen in hives.

Publication Year: 1974

Descriptors: pollen; composition; amino acids; metals; sugars

Identifiers: stored by bees

CABICodes: Apiculture (LL010)

36/8/55 (Item 1 from file: 98) Links

General Sci Abs

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02784988 H.w. Wilson Record Number: BGSA94034988

A requirement of hydrophobic and basic amino acid residues for substrate recognition

authorsearch1.txt  
by Ca2+/calmodulin-dependent protein.

Descriptors:  
Protein kinases; Enzyme specificity; Calmodulin  
July 5 1994 (19940705 )

36/8/56 (Item 1 from file: 103) Links  
Energy SciTec  
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03760740 EDB-95-004508  
Title: The complete sequence and promoter activity of the human A-raf-1 gene (ARAF1)  
Publication Date: 1 Mar 1994  
Major Descriptors: \*HUMAN CHROMOSOME 7 -- GENETIC MAPPING; \*HUMAN X CHROMOSOME --  
GENETIC MAPPING; \*ONCOGENES -- DNA SEQUENCING  
Descriptors: PHOSPHOTRANSFERASES  
Broader Terms: CHROMOSOMES; ENZYMES; GENES; HETEROCHROMOSOMES; HUMAN CHROMOSOMES;  
MAPPING; ORGANIC COMPOUNDS; PHOSPHORUS-GROUP TRANSFERASES; PROTEINS; STRUCTURAL  
CHEMICAL ANALYSIS; TRANSFERASES; X CHROMOSOME  
Subject Categories: 550400\* -- Genetics

36/8/57 (Item 1 from file: 143) Links  
Biol. & Agric. Index  
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1694722 H.W. Wilson Record Number: BBAl03160345  
Reciprocal Modulation of Toll-like Receptor-4 Signaling Pathways Involving MyD88 and  
Phosphatidylinositol 3-Kinase/AKT by Saturated and Polyunsaturated Fatty Acids  
Descriptors: Toll-like receptors; Adaptor proteins; Phosphatidylinositol kinase;  
Serine- threonine kinase; Fatty acids--Biological effects  
20030926

36/8/58 (Item 2 from file: 143) Links  
Biol. & Agric. Index  
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1676708 H.W. Wilson Record Number: BBAl03149546  
Phosphorylation of Threonine 10 on CKBBP1/SAG/ROC2/Rbx2 by Protein Kinase CKII  
Promotes the Degradation of IkBa and p27Kip1  
Descriptors: Phosphorylation; Serine-threonine kinase; Proteins in the body; Ikappa  
B  
20030801

36/8/59 (Item 3 from file: 143) Links  
Biol. & Agric. Index  
(c) 2006 The HW Wilson Co. All rights reserved.  
1061176 H.W. Wilson Record Number: BBAl97036107  
A Drosophila homolog of the Rac- and Cdc42-activated serine/ threonine kinase PAK is  
a potential focal adhesion and focal complex protein that colocalizes with dynamic  
actin structures  
Descriptors: Serine protein kinases; Actin, Non-muscle; GTP phosphohydrolase  
19960500

36/8/60 (Item 1 from file: 162) Links  
Global Health  
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Page 40

0005075867 CAB Accession Number: 20053130772

Aurora- A/STK15 T + 91A is a general low penetrance cancer susceptibility gene: a meta-analysis of multiple cancer types.

Publication Year: 2005

Descriptors: breast; breast cancer; colon; genes; genotypes; heterozygotes; homozygotes; human diseases; kinases; lung cancer; lungs; men; molecular genetics; neoplasms; oesophagus; prostate; risk assessment; risk factors; skin; women  
Identifiers: colon cancer; meta-analysis; oesophageal cancer; prostate cancer; serine/ threonine kinase; skin cancer

Organism Descriptors: man

Broader Terms: Homo; Hominidae; Primates; mammals; vertebrates; Chordata; animals

CABICodes: Human Genetics and Molecular Medicine, (New June 2002) (VV080);

Non-communicable Human Diseases and Injuries (VV600); Molecular Biology and Molecular Genetics, (Discontinued March 2000, Reinstated and Revised June 2002) (ZZ360)

36/8/61 (Item 1 from file: 305) Links

405658

Effect of selenium fertilizer on free amino acid composition of broccoli (Brassica oleracea Cv. Majestic) determined by gas chromatography with flame ionization and mass selective detection.

PD- 16 Nov 2005 ; 20051116 |

36/8/62 (Item 2 from file: 305) Links

405657

Free amino acid and cysteine sulfoxide composition of 11 garlic (Allium sativum L.) cultivars by gas chromatography with flame ionization and mass selective detection.

PD- 16 Nov 2005 ; 20051116 |

36/8/63 (Item 3 from file: 305) Links

394849

Mass spectrometric analysis of affinity-captured proteins on a dendrimer-based immunosensing surface: investigation of on-chip proteolytic digestion.

PD- 15 Feb 2005 ; 20050215 |

36/8/64 (Item 4 from file: 305) Links

384987

Separation of racemic 2,4-dinitrophenylamino-acids on zirconia-immobilized quinine carbamate in reversed-phase liquid chromatography.

PD- Aug 2004 ; 20040800 |

36/8/65 (Item 5 from file: 305) Links

343185

Reversal of enantiomeric elution order on macrocyclic glycopeptide chiral stationary phases.

PD- Oct 2001 ; 20011000 |

36/8/66 (Item 1 from file: 393) Links

Title: Characterization of Carbohydrate-Peptide Linkage of Acidic Heteroglycopeptide with Immuno-Stimulating Activity from Mycelium of *Phellinus linteus*  
Pub. Year: 1996

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38/8/1 (Item 1 from file: 24) Links

CSA Life Sciences Abstracts

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0002733660 IP Accession No: 6174522

Phosphorylation at Thr-290 regulates Tpl2 binding to NF- Kappa B1/p105 and Tpl2 activation and degradation by lipopolysaccharide

Publication Date: 2005

Descriptors: Phosphorylation; Lipopolysaccharides; proteasomes; Translation; Protein kinase; Inflammation; death receptors; Macrophages; Cell activation; Immunity  
Subj Catg: 06604, Inflammation

38/8/2 (Item 2 from file: 24) Links

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0002710189 IP Accession No: 6274931

Tpl2 (Tumor Progression Locus 2) Phosphorylation at Thr super(290) Is Induced by Lipopolysaccharide via an I Kappa -B Kinase- beta -dependent Pathway and Is Required for Tpl2 Activation by External Signals

Publication Date: 2005

Descriptors: Phosphorylation; Lipopolysaccharides; Macrophages; Cell activation; Tumor necrosis factor-a; Extracellular signal-regulated kinase; Protein kinase; death receptors; Toll-like receptors; Proto-oncogenes  
Subj Catg: 07470, Cytogenetics & general

38/8/3 (Item 3 from file: 24) Links

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0002652563 IP Accession No: 6170695

A Single Nucleotide Polymorphism on the Promoter of eotaxin1 Associates with Its mRNA Expression and Asthma Phenotypes

Publication Date: 2005

Descriptors: Single-nucleotide polymorphism; Asthma; methacholine; Promoters; Immunoglobulin E; Tumor necrosis factor- alpha ; Gene polymorphism; Threonine; Inflammation; Alanine; Peripheral blood  
Subj Catg: 06846, Clinical

38/8/4 (Item 4 from file: 24) Links

CSA Life Sciences Abstracts

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0002641135 IP Accession No: 6090781

Proteomic response analysis of a threonine-overproducing mutant of *Escherichia coli*

Publication Date: 2004

Descriptors: Threonine; Malate dehydrogenase; Citrate (si)-synthase; oxaloacetic acid; Aspartate ammonia-lyase; Aspartic acid; L- Threonine 3-dehydrogenase; Cystathionine beta -lyase; Escherichia coli  
Identifiers: homoserine  
Subj Catg: 07320, Bacterial genetics; 02727, Amino acids, peptides and proteins

38/8/5 (Item 5 from file: 24) Links  
CSA Life Sciences Abstracts  
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0002381603 IP Accession No: 5472800  
The roles of ERK1/2 and p38 MAP kinases in the preventive mechanisms of mushroom *Phellinus linteus* against the inhibition of gap junctional intercellular communication by hydrogen peroxide

Publication Date: 2002

Descriptors: Gap junctions; Hydrogen peroxide; ERK2 protein; ERK1 protein; MAPK protein; p38 protein; *Phellinus linteus*  
Subj Catg: 26170, Other oncogenes & GF's with serine-threonine kinase activity

38/8/6 (Item 6 from file: 24) Links  
CSA Life Sciences Abstracts  
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0002376564 IP Accession No: 5457836  
Induction of COX-2 by LPS in macrophages is regulated by Tpl2-dependent CREB activation signals

Publication Date: 2002

Descriptors: Lipopolysaccharides; Macrophages; Cytokines; Cyclic AMP response element-binding protein; Tumor necrosis factor- alpha ; Interleukin 1; Protein-tyrosine kinase; Prostaglandin E2; Cyclooxygenase; Tpl2 protein; Cot protein; ERK protein; Endotoxin shock; Inflammation; Protein kinase; COX-2 protein; CREB protein  
Identifiers: mice  
Subj Catg: 07240, Immunogenetics; 06764, Function; 07397, Rodentia (mice)

38/8/7 (Item 1 from file: 50) Links  
CAB Abstracts  
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0008302827 CAB Accession Number: 20023154899  
Calcineurin, a calcium/calmodulin-dependent protein phosphatase, is involved in movement, fertility, egg laying, and growth in *Caenorhabditis elegans* .

Publication Year: 2002

Descriptors: enzymes; fertility; free living nematodes; gene expression; genes; growth; movement; mutants; mutations; pleiotropy; signal transduction; spermatheca; spermatozoa; vulva  
Identifiers: serine/threonine specific protein phosphatase  
Organism Descriptors: *Caenorhabditis elegans*  
Broader Terms: *Caenorhabditis*; Rhabditidae; Nematoda; invertebrates; animals  
CABICodes: Soil Biology (JJ100); Reproduction, Development and Life Cycle (Wild Animals), (New March 2000) (YY200); Genetics and Molecular Genetics (Wild Animals), (New March 2000) (YY300); Physiology and Biochemistry (Wild Animals), (New March 2000) (YY400)

38/8/8 (Item 1 from file: 143) Links

Biol. & Agric. Index

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1866763 H.W. Wilson Record Number: BBAI05137990

Tp12/Cot Signals Activate ERK, JNK, and NF-kB in a Cell-type and Stimulus-specific Manner

Descriptors: Serine-threonine kinase; Mitogen-activated protein kinase-- Regulation; Jun N-terminal kinase--Regulation; NF-Kappa B  
20050624

38/8/9 (Item 2 from file: 143) Links

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1856876 H.W. Wilson Record Number: BBAI05132495

Tp12 (Tumor Progression Locus 2) Phosphorylation at Thr290 Is Induced by Lipopolysaccharide via an Ik-B Kinase-b-dependent Pathway and Is Required for Tp12 Activation by External Signals

Descriptors: Serine-threonine kinase; Phosphorylation; Lipopolysaccharides  
20050527

38/8/10 (Item 3 from file: 143) Links

Biol. & Agric. Index

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1845557 H.W. Wilson Record Number: BBAI05115399

Phosphorylation at Thr-290 regulates Tp12 binding to NF-kB1/p105 and Tp12 activation and degradation by lipopolysaccharide

Descriptors: Serine-threonine kinase; Phosphorylation; Lipopolysaccharides; NF-Kappa B  
20050215